



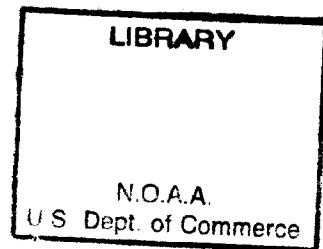
NOAA Technical Report NWS 34

Mean Monthly, Seasonal, and Annual Pan Evaporation for the United States

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MEAN MONTHLY, SEASONAL, AND ANNUAL
PAN EVAPORATION FOR THE UNITED STATES

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INTRODUCTION

This publication is a compilation of monthly, seasonal, and annual averages of estimated pan evaporation based on observations from Class A pans and on meteorological measurements by the National Weather Service (NWS) and cooperating agencies. It replaces Technical Paper No. 13 (U.S. Weather Bureau, Hydrologic Branch, Division of Climatological and Hydrologic Services, 1950). These tabulations were generated from the augmentation of a smaller data set used to develop evaporation maps published in NOAA Technical Report NWS-33, Evaporation Atlas for the Contiguous 48 United States, (Farnsworth et al., 1982). This report and its companion report, the evaporation atlas, should facilitate the determination of monthly values of evaporation at most points in the country.

The data set used for the evaporation atlas included, at most, 15 years of data record. To obtain the tabulations contained in this report, the data set was enlarged to include the available period of record (through January 1981 for currently active stations). Therefore, while this report was produced at the same time as the evaporation atlas, there are some significant differences in the data used. The data sets used to produce the maps in the evaporation atlas were selected and, in some cases, adjusted to fit a common base period of 1956-70. For this report, the total period of record rather than a common time base was chosen for the record of observed pan evaporation. This avoids possible errors which might result from adjustments made to fit the common time base. Inclusion of the additional data periods of observed pan records required only tabulation from published records. However, the estimation of "pan" evaporation based on meteorological measurements requires many computations, and so only estimates for years for which the data were already prepared for computer processing (1956-70) for the atlas were included in this report. For the same reason, coefficients of variation of the monthly, seasonal, and annual values of the pan data were computed only for the 1956-70 base except for stations in the state of California which were available on magnetic tape for their full periods of record.

Evaporation means are included for only those stations that have at least 1 month with a period of record of 10 years or more prior to January 1981. Evaporation means for months with less than 5 years of record are omitted. Those means for months with between 5 and 10 years of record are shown to the nearest inch. This format should remind the user that these data cannot be treated with the same confidence as those means with 10 years or more of record which are shown to the nearest 0.01 inch. Actually, the latter should not be interpreted to an accuracy greater than 0.1 inches. However, the additional decimal place was retained to conform with published records.

Months with fewer than 20 observations were excluded from the analysis. This occurred mainly where observations were not taken on weekends, observers went on vacation, or temperatures were near or below freezing.

The data are presented in two tables. Table I lists averages based on observed Class A pan data, and table II lists average "pan" evaporation based on estimates of monthly evaporation derived from hydrometeorological measurements using a form of the Penman equation described by Kohler et al. (1955). Individual stations listed in the tables are ordered alphabetically within their appropriate states. The states are also listed alphabetically.

Table I data are generated primarily from data published in the series, Climatological Data of the United States (NOAA-EDIS). Details on site operation, including the name of the individual or agency operating the station, can be found in the annual summaries. Measurements obtained using non-standard pans, installations, or methods are difficult to compare with those obtained using the standard pans and, therefore, have more limited use. Only stations using standard Class A pans, with a standard installation, and assumed to be following standard procedures are included in table I. The standard Class A pans are unpainted, constructed of monel or galvanized metal, 47.5 inches in diameter, 10 inches deep, and mounted on a platform which raises the pan base a few inches above the surrounding ground. The installation of the pan and the measurement procedures are described in the NWS Observing Manual No. 2--Substation Observations (NOAA-NWS 1972). Approximate locations of the pans are shown in figures 1 and 2. Figure 1 shows those stations which observe only the evaporation from the pan while figure 2 shows stations measuring, in addition to evaporation, the temperature of the water in the pan and the total wind movement over the pan.

The values in table II are estimates based on hydrometeorological data for stations, most of which are published in the series Local Climatological Data (NOAA-EDIS). Details regarding individual stations are found in this publication, especially the issues which present annual summaries. As indicated previously, these data are averages of estimates of monthly Class A "pan" evaporation derived from hydrometeorological measurements. These measurements were taken at the stations of the NWS basic and synoptic network (NOAA-NWS 1979) which had at least 1 month with 10 years of record during the evaporation atlas base period, 1956-70. The locations of these stations are identified in figure 3. The observations required for the evaporation estimates were mean air temperature, mean dew point, the total wind movement 2 feet above the ground surface, and an estimate of incoming solar radiation. Daily wind movement was generally estimated from available wind speeds observed every six hours at the station anemometer height (often around 20 feet). This estimated wind movement was then adjusted, using a logarithmic relationship, to obtain an equivalent wind movement at 2 feet. Solar radiation was either measured directly (at those stations equipped with pyranometers), estimated from hours of sunshine (at stations equipped with sunshine recorders) (Hamon et al., 1954), or estimated from cloud cover (at the remainder of the stations) (Thompson, 1976).

The monthly mean estimated pan evaporation was computed for each month using eq. 1 of NOAA Technical Report NWS-33. A period-of-record average for each month of the year was formed by taking the average of all the values for a given month included in the period of record. The individual monthly sums were formed by multiplying the daily average by the number of days in the month. The data used to estimate each daily mean consisted of the mean daily air and dewpoint temperature and mean daily accumulations of solar radiation (sometimes estimated

from sky cover) and wind travel for the month. Determination of means in this way, using mean values of the input data rather than computing daily estimates of pan evaporation and then computing the average, was based on the experience of Kohler and others (Kohler et al., 1955) who stated that "experience has shown that only minor errors result when monthly evaporation (i.e., mean daily values for the month) is computed from monthly averages of the daily values of T_a , T_d , W_s and U_p (air temperature, dewpoint temperature, solar radiation, and daily pan wind travel)."

It should be noted that the annual means are computed as the sum of the individual monthly means. This causes some bias toward higher evaporation because the record is often not complete during months when temperatures are near or below freezing. For example, during a year when a spring month is colder than normal, observations are missed more often than usual because water in pans is frozen or the pan has to be taken out of service. In these situations, the data that are available for these months for computing an average represent intervals of milder temperatures and higher evaporation. When these months of partial record are summed into the annual or seasonal mean, they tend to bias the annual or seasonal value high. At stations located at high elevations, only the summer months are free from this problem. Our solution to this problem has been simply to note the number of years of record available for each month for each station and to caution users so that they may make subjective corrections appropriate at that location based on their familiarity with the climate.

All of the evaporation values in these tables represent estimates of expected evaporation occurring from a Class A pan. It has been found that evaporation from a shallow lake, wet soil, or other moist natural surfaces is roughly 70 percent of the evaporation from a Class A pan for the same meteorological conditions. The evaporation from shallow lakes and moist soils is generally classified by one of the following equivalent names: free water surface evaporation (FWS), lake evaporation (E_L), or potential evapotranspiration (PE). An estimate of FWS which is more accurate than that given by multiplying the pan value by 0.70, is obtained by multiplying the pan amount by the appropriate coefficient from map 4 of the evaporation atlas described earlier. Still greater accuracy can be achieved when the pan at which the evaporation data were observed also has concurrent records of pan water temperature and pan wind movement. Then FWS evaporation can be computed by methods described by Kohler et al. (1955).

One purpose of this report is to present, in convenient form, monthly means of pan evaporation for those stations having sufficiently long records to establish stable normal values. An important use for these records is in extrapolating to locations where monthly estimates of evaporation are required but no measurements have been taken. Annual and seasonal (May through October) evaporation can be estimated from the maps in the evaporation atlas. The pan data in these tables can be converted to free water surface (FWS) evaporation using map 4 of the evaporation atlas. Determination of monthly values from the annual or seasonal values is done by (1) determining the ratio of the monthly to annual evaporation for an appropriate station having data in these tables, and (2) multiplying this ratio by the value obtained from the map. For an example, see appendix A.

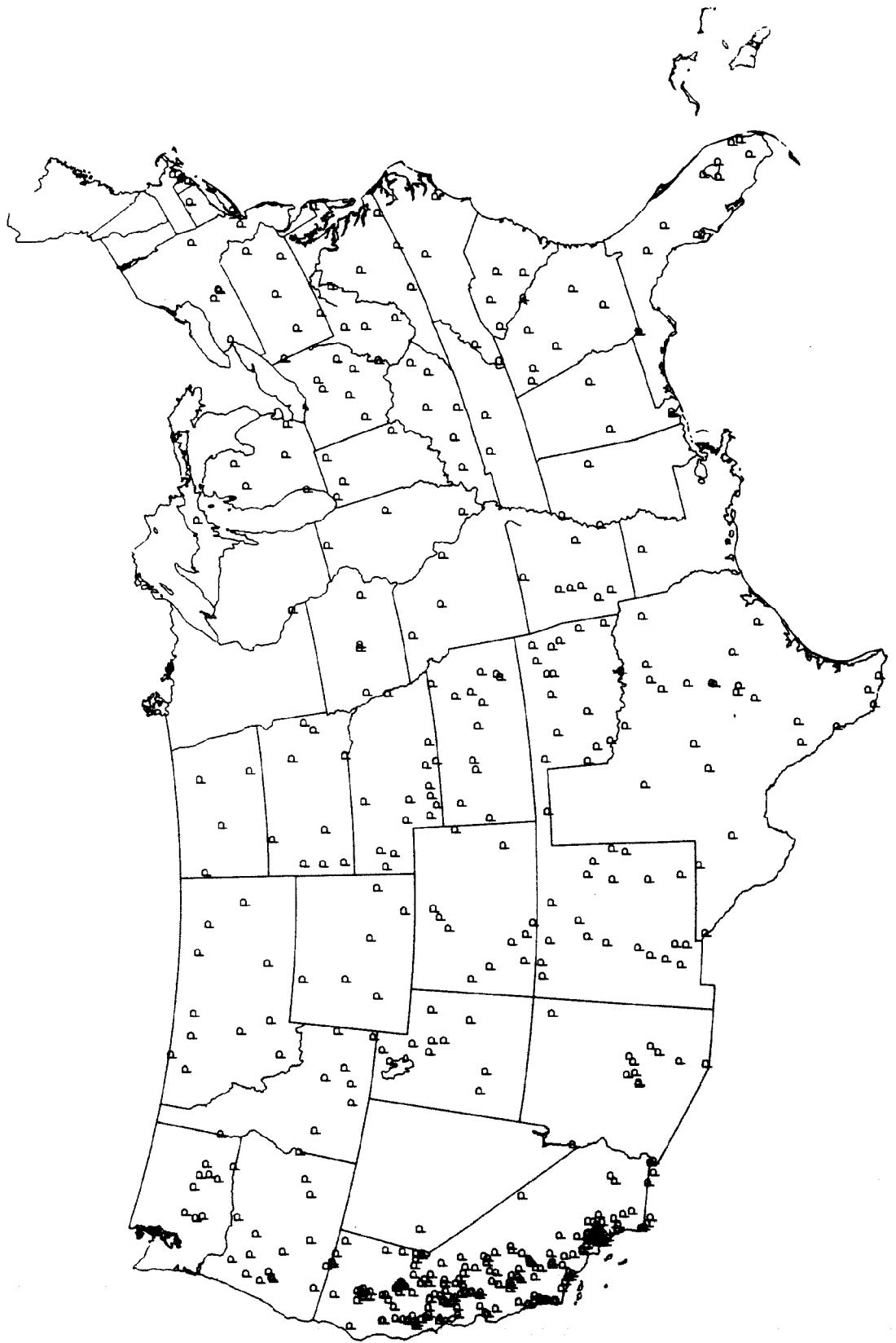


Figure 1. Distribution of Class A pan stations reporting observed evaporation only (water temperature not measured or measured for an insufficiently long period of record).

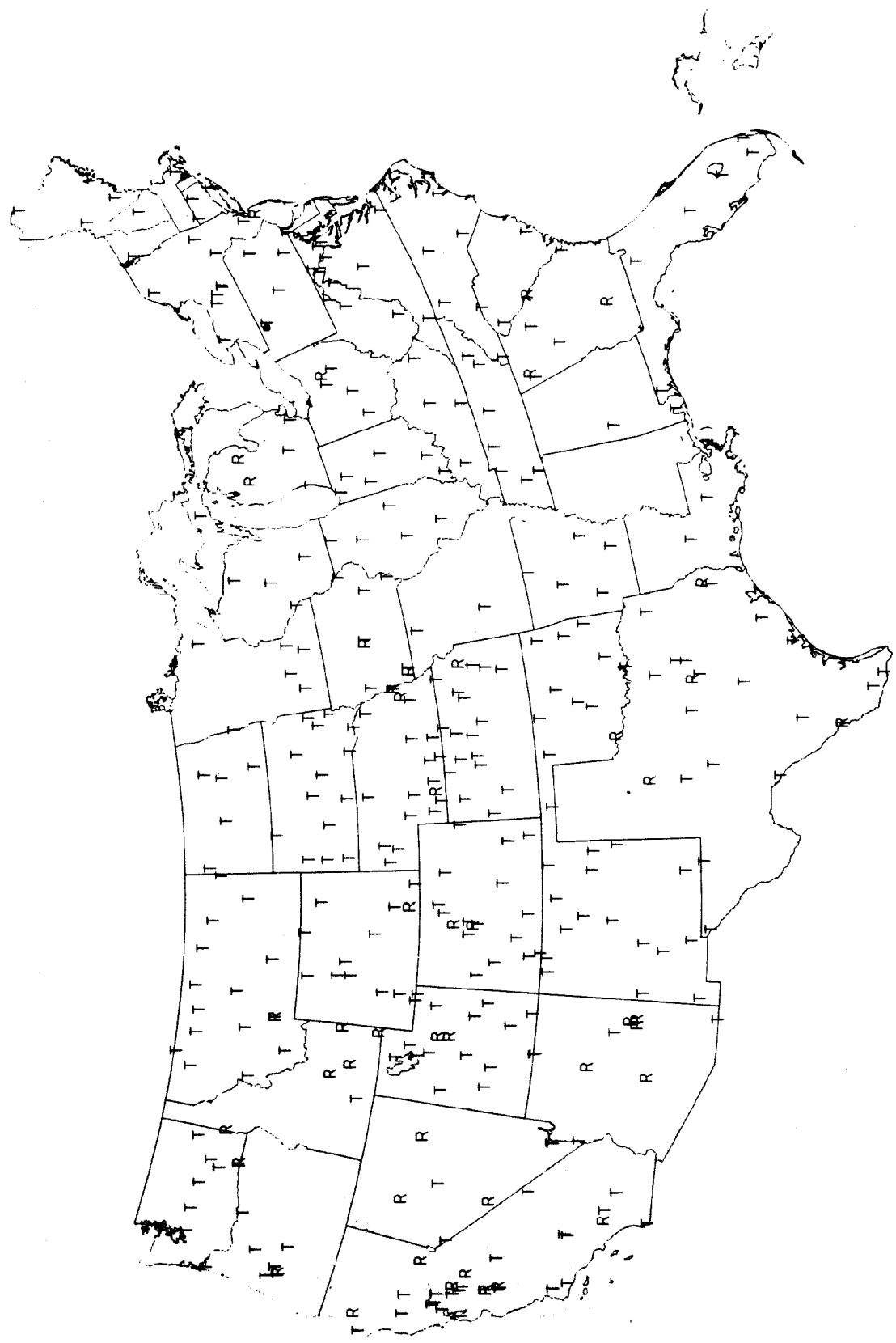


Figure 2. Distribution of Class A pan stations reporting observed evaporation and maximum and minimum water temperatures. Stations identified by an R were not equipped with sensors to record additional data until the latter part of the 1956-70 time base.

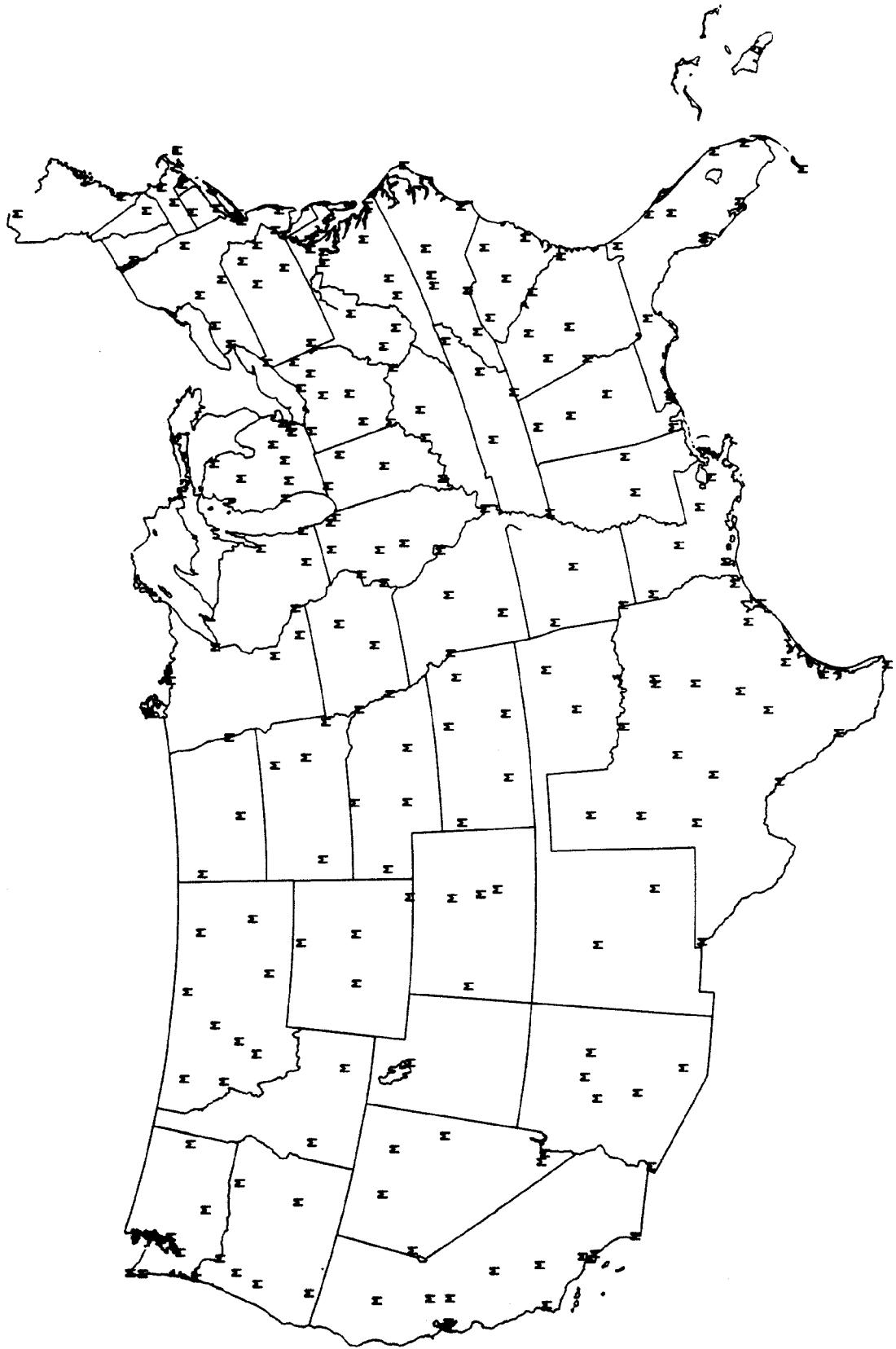


Figure 3. Distribution of weather stations measuring a form of air temperature, humidity, wind movement, and radiation, where evaporation can be estimated by the Penman equation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	State No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Regan Mo/Yr	Latest Data Mo/Yr	
ALABAMA																					
Demopolis Lock and Dam 32° 31', 87° 50'	1	2245	2.39	3.02	4.54	5.58	6.50	7.06	7.01	6.67	5.16	4.10	2.73	2.21	36.50	20.47	-	56.97	8/56	11/79	
Fairhope 30° 32', 87° 55'	1	2813	1.97	2.45	3.88	5.03	6.28	6.46	6.05	5.60	4.56	3.79	2.36	1.74	32.74	17.43	-	50.17	8/34	12/79	
Martin Dam 32° 40', 85° 55'	1	5140	1.90	2.43	4.06	5.04	6.21	6.38	6.28	6.21	4.96	4.01	2.53	2.09	34.05	18.05	-	52.10	2/51	8/79	
ALASKA																					
Central 2 65° 34', 144° 49'	50	1466								4.28	4.19	2.70	2.25		-	-	13.42	-	7/63	8/78	
Juneau WSO AP 58° 22', 134° 35'	50	4100							3	3.62	4	3.34			-	-	16	-	5/69	8/78	
Matanuska Agr Exp Station 61° 34', 145° 16'	50	5733							4.62	4.38	4.16	3.16	1.95	1.61			-	18.27	-	8/29	8/78
McGrath WSO AP 62° 58', 155° 37'	50	5769							4.68	4.26	2.81				-	-	11.75	-	5/69	8/78	
Palmer TAS 61° 36', 149° 07'	50	6870							5.05	4.77	4.66	3	2		-	-	19	-	4/69	9/78	
University Exp Sta (College) 64° 51', 147° 52'	50	9641							4.84	4.88	3.04	1.41			-	-	14.17	-	5/29	8/78	
ARIZONA																					
Bartlett Dam 33° 49', 111° 38'	2	0632	4.19	4.96	7.47	10.53	14.44	16.81	16.59	14.50	12.57	9.76	6.09	4.66	84.67	37.90	-	122.57	6/40	12/79	

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Inadequate data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct***	Nov-- Apr***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
ARIZONA (continued)																				
Davis Dam 2 35° 12', 114° 34'	2	2439	7.28	7.57	10.29	13.19	16.86	19.72	20.22	18.22	14.87	11.86	8.75	7.87	101.75	54.95	-	156.70	1/56	6/77
Davis Dam 35° 11', 114° 34'	2	2440	5	6	9	11	14	16.68	14.43	14.62	11.80	8.93	7.45	5.73	80	44	-	124	7/48	6/61
Douglas 31° 21', 109° 32'	2	2659	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10/76
Fort Valley 35° 16', 111° 44'	2	3160	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	52	-
Hawley Lake (Hawley) 33° 59', 109° 45'	2	3926	8	8	8	8	8	8.64	6.72	5.65	4.82	3.76	3.76	3.76	-	-	21.92	-	7/62	9/70
Many Farms 36° 21', 109° 37'	2	5204	3	5.99	9.54	12.65	15.42	13.64	11.19	8.73	5.63	2.96	67.31	-	-	-	-	38	5/68	9/79
McNary 34° 04', 109° 51'	2	5412	6	10	11	12	14	17	19	18	17	16	16	16	16	16	16	16	16	****
Mesa Exp Station (Mesa) 33° 25', 111° 52'	2	5467	2.89	3.71	5.88	8.08	10.78	12.16	12.13	10.58	8.48	6.01	3.75	2.74	60.14	27.05	-	87.19	11/16	12/79
Nogales 2 N 31° 21', 110° 56'	2	5924	3.78	4.70	7.39	9.62	11.91	14.03	10.68	8.42	8.27	7.14	4.67	3.78	60.45	33.94	-	94.39	10/52	12/79
Pagosa 36° 56', 111° 57'	2	6180	6	8.90	11.60	14.00	16.09	12.11	8.84	5.54	2.40	66.08	-	-	-	-	-	-	2/64	10/79
Roosevelt 1 WNW 33° 40', 111° 09'	2	7281	2.09	3.05	5.43	8.01	11.37	13.57	13.52	11.26	9.07	5.87	3.08	1.97	64.66	23.63	-	88.29	1/16	12/79

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient

** of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

*** Climatological Data (NOAA-EDIS)

**** Sum of monthly means.

***** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No. ^{**}	Station Index No. ^{**}	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct	Nov-Apr	Other Season	Annual	Record Began Mo/Yr	Latest Date Mo/Yr
ARIZONA (continued)																				
San Carlos Reservoir 33° 10', 110° 31'	2	7480	2.31	3.49	5.87	8.72	11.75	14.12	13.46	11.59	9.65	6.63	3.63	2.34	67.20	26.36	-	93.56	7/48	12/79
Sierra Ancha 33° 48', 110° 58'	2	7876	2.30	2.80	4.54	6.75	9.22	10.95	10.41	8.83	7.92	5.97	3.50	2.39	53.30	22.28	-	75.58	2/36	2/73
Snowflake 15 W 34° 30', 110° 20'	2	8018	2.6	18	21	11	7	6	6	14	14	12	25	27	4	12	-	8/67	6/78	
Steward Mountain 33° 34', 111° 32'	2	8214	3.56	4.67	6.95	10.06	12.39	14.29	14.49	13.15	10.76	8.15	4.57	3.17	73.83	32.98	-	106.81	3/61	5/78
Tempe, University of Arizona Citrus Exp Station 33° 23', 111° 58'	2	8499	1.60	2.92	4.95	7.23	9.64	11.01	11.22	9.83	7.78	5.18	2.54	1.48	54.66	20.72	-	75.38	9/53	6/78
Tucson, University of Arizona 32° 14', 110° 37'	2	8815	2.92	3.92	6.58	9.18	12.17	13.94	12.55	10.56	9.33	6.89	4.10	2.43	65.34	29.13	-	94.47	1/29	12/79
Walmpaw 36° 59', 111° 29'	2	9114	7	9.65	13.75	15.86	16.50	15.42	11.20	8.23	4.53	2.5	2.5	2.5	80.96	-	-	-	1/62	10/79
Willcox 3 NW (Willcox) 32° 18', 109° 51'	2	9334	3.30	4.64	7.15	9.83	10.50	11.14	9.72	8.12	7.32	5.96	4.58	3.27	52.76	32.77	-	85.53	1/17	12/35
White River 33° 50', 109° 58'	2	9271	6	8.12	10.04	11.64	9.58	8.65	7.74	5.85	3.56	2.37	53.50	-	-	-	-	11/67	10/79	
Yuma Citrus Station 32° 37', 114° 39'	2	9652	3.66	4.62	7.36	9.74	12.55	13.96	14.94	13.24	10.34	7.43	4.78	3.32	72.46	33.68	-	106.14	10/20	12/79
Yuma Springs 32° 43', 114° 37'	2	9892	3.19	4.02	6.02	7.64	8.82	9.72	10.28	9.69	7.60	5.39	3.50	2.68	51.50	27.05	-	78.55	1/17	11/29

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-NDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record began Mo/Yr	Latest Data Mo/Yr
ARIZONA (continued)																				
Yuma Valley 32° 43', 114° 43'	2	9657	3.49 20	4.34 20	6.77 20	8.66 20	10.38 20	11.08 20	11.72 19	10.74 19	8.47 19	6.12 19	3.99 20	3.14 20	58.51 30.39	-	88.90	1/17	6/40	
ARKANSAS																				
Blakely Mountain Dam 34° 36', 93° 11'	3	0764	1 ****	2 ****	3.18 24	4.37 24	5.53 10	5.99 10	6.63 9	5.98 8	4.22 15	3.28 14	2.09 21	1 21	31.63 ****	-	-	-	1/56	11/79
Blue Mountain Dam 35° 06', 93° 39'	3	0798			3.48 ****	4.52 ****	5.50 13	6.62 13	7.10 13	6.38 13	4.34 13	3.06 13	1.77 13	1 13	33.00 11	-	-	-	1/67	11/79
Hope 3 NE (Hope) 33° 43', 93° 33'	3	3428	2.19 22	2.54 26	4.24 32	5.07 35	6.11 35	6.77 36	7.41 36	6.88 34	5.14 36	4.17 35	2.42 32	1.80 29	36.48 29	18.26 24	-	54.74	2/37	11/79
Mountain Home, ID 36° 20', 92° 23'	3	5038			5.38 25	6.15 27	6.83 27	7.42 27	8.01 27	5.05 27	3.59 27	2.35 27	1.6	35.85 24	-	-	-	3/53	10/79	
Narrows Dam 34° 09', 93° 43'	3	5110	2 ****	2.20 11	3.77 16	4.68 17	5.62 14	6.27 8	6.76 9	6.96 9	5.29 16	3.99 21	2.29 13	1.60 13	34.89 17	17	-	52	11/50	7/70
Nimrod Dam 34° 57', 93° 10'	3	5200	2 ****	2.91 24	4.44 17	5.21 17	6.24 23	6.51 23	6.51 23	6.01 23	4.63 23	3.28 23	2.06 19	31.88 35	-	-	-	10/43	9/66	
Russellville (Russellville 4 N) 3 35° 17', 93° 06'	3	6352	1.63 21	2.15 26	3.75 36	5.04 39	6.00 37	6.70 38	7.38 37	6.80 38	5.16 38	3.73 38	2.03 35	1.27 28	35.77 35	15.87 18	-	51.64	1/37	8/79
Stuttgart 9 ESE 34° 28', 91° 25'	3	6920	1.30 26	2.02 31	3.79 19	5.18 20	6.17 16	7.39 16	7.47 14	6.88 51	5.09 51	3.87 51	2.39 49	1.44 35	36.87 22	16.12 22	-	52.99	6/29	10/79
CALIFORNIA																				
Alamitos PKC Pond 31° 15', 121° 52'	4	0053	0.97 35	1.46 22	2.69 16	4.03 18	5.31 19	6.47 19	6.95 12	6.40 11	4.70 10	3.09 10	1.45 15	0.90 16	32.92 15	11.50 22	-	44.42	1/60	12/78

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data
*** Sum of monthly means.
**** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct ***	Nov-- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
CALIFORNIA (continued)																				
Alturas 2 SE 41° 03', 121° 40' (approx)	4	0161	1 *****	1 *****	3 *****	5 *****	6 *****	7.01 8	8.39 10	8.03 10	5.59 10	3.50 8	1 6	39 37	12 15	-	51	6/57	10/67	
Alvarado 37° 34', 122° 07'	4	None	1.42 1.17	2.22 1.7	3.77 1.8	4.98 *****	6.76 *****	7.40 *****	7.76 18	6.76 18	5.37 19	3.75 19	2.07 19	1.42 19	37.78 37.78	15.88 15.88	-	53.66	8/24	4/42
Amboy 3 ESE Salius 34° 32', 115° 42'	4	0176	4.98 11	7.60 10	11.59 10	14.73 9	18 10	22.02 10	22.76 9	19 9	15 9	11 8	7 9	5 8	108 108	50 50	-	159	1/67	11/77
Antioch Pump Plant 37° 59', 121° 44'	4	0232	1.25 30	2.06 30	4.20 30	6.31 30	8.99 30	10.76 29	11.64 29	10.11 27	7.78 27	5.02 29	2.05 30	1.48 30	54.30 30	17.35 30	-	71.65	1/49	12/78
Arvin-Eidson WSD 35° 13', 118° 47'	4	0325	1.65 10	2.99 10	4.96 11	6.85 10	10.98 10	12.52 10	14.06 11	12.95 11	9.69 11	5.98 11	3.03 11	1.81 11	66.18 66.18	21.29 21.29	-	87.47	3/67	12/77
Atascadero Lake 35° 28', 120° 40'	4	0360	1.57 11	2.09 12	3.39 21	5.16 22	6.57 5	7.83 12	9.29 10	8.19 10	5.91 10	3.74 10	2 9	1.54 10	41.53 46	16 26	-	58	1/64	2/79
Avenal 9 SSE 33° 54', 120° 03'	4	0398	2 9	3.15 10	6.00 11	9.10 11	13.07 11	16.54 11	18.96 11	16 11	12.24 11	8.10 8	3.93 8	2.31 11	85 11	26 11	-	111	9/50	7/61
Beckus Ranch 34° 57', 118° 11'	4	0418	2.87 23	3.74 16	6.57 20	10.04 26	13.15 27	16.61 24	18.27 23	17.09 23	12.52 24	7.95 26	4.33 26	2.99 24	85.59 77	30.54 28	-	116.13	6/36	6/62
Baldwin Park 34° 06', 117° 58'	4	0455	2.05 21	2.60 21	3.78 17	4.80 15	6.38 14	6.93 12	8.65 8	7.99 8	6.34 9	4.61 11	3.11 18	2.20 16	40.91 7	18.54 10	-	59.45	7/32	12/53
Bataques-Ryd Res - Baja Calif 32° 33', 115° 04'	4	0541	3.98 13	4.76 13	7.06 13	8.94 13	11.85 13	12.44 13	12.60 13	10.83 13	8.94 12	6.22 12	4.80 13	3.31 13	62.88 13	32.84 13	-	95.72	1/64	12/76
Beaumont Pumping Pl (Nr) 33° 59', 116° 58'	4	0607	3 8	3.43 13	4.41 14	5.31 14	6.61 14	8.39 18	10.67 20	10.08 21	8.11 19	5.79 19	3.54 17	3.11 13	49.65 19	23 21	-	73	1/55	9/75
*** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.																				

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Oct ***	Other Season ***	Annual ***	Record Begun Mo/Yr	Latest Data Mo/Yr
CALIFORNIA (continued)																				
Casitas Dam 34° 22', 119° 20'	4	1558	2.28	2.99	4.41	5.47	6.10	6.61	8.27	8.03	6.14	5.04	2.99	2.17	40.19	20.31	-	60.50	9/59	9/77
Castaic Dam Headquarters 34° 30', 118° 37'	4	1562	4.02	4	6	6.38	8.07	8.78	10.28	10.00	8.11	6.54	4.92	3.90	51.78	29	-	81	6/68	12/78
Cathay's Val Bullrun R 37° 24', 120° 03'	4	1588	1.26	1.89	3.39	5.28	8.82	11.22	13.43	11.97	8.78	5.31	2.09	1.10	59.53	15.01	-	74.54	12/65	11/78
Cedarville 12 SE 41° 27', 119° 59'	4	1614								9.17	13.27	11.46	8.62	5	-	-	48	-	6/60	7/70
Chico Experiment Station 39° 42', 121° 47'	4	1715	1.33	1.99	3.77	5.66	8.31	10.07	11.30	9.65	7.37	4.50	1.94	1.31	51.20	15.99	-	67.19	5/51	10/79
Chula Vista 32° 36', 117° 06'	4	1758	2.85	3.35	5.00	5.99	6.85	6.97	7.50	7.32	6.11	4.89	3.62	2.62	39.74	23.62	-	63.36	9/18	12/79
Corcoran El Rico 1 36° 03', 119° 39'	4	2013	0.87	1.77	4.25	6.57	10.63	12.64	13.74	12.28	8.23	5.28	1.97	0.75	62.80	62.80	-	80.60	1/59	10/78
Coyote Reservoir 39° 11', 123° 11'	4	2105	1.42	1.89	3.31	5.12	7.48	9.88	11.77	10.59	7.87	4.61	1.89	1.14	52.20	14.77	-	66.97	1/60	3/79
Grave Valley PH 37° 17', 119° 32'	4	2122	1.57	1.81	2.87	4.13	6.57	8.78	11.46	10.94	8.35	5.16	2.60	1.54	51.26	14.52	-	65.76	4/57	8/78
Gwynnace-Heller I.D. 32° 59', 116° 35'	4	2239				3	4.92	7.09	9.57	10.28	9.69	7.56	5.28	3.54	2	49.47	-	-	4/46	4/79
Devils 2 WSP (non-irrigated) 38° 32', 121° 46'	4	2294	1.34	2.12	4.12	6.34	9.07	10.83	11.73	10.38	8.35	5.51	2.55	1.32	55.87	17.79	-	73.66	5/26	12/79

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FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct ***	Nov-- Apr ***	Other Season ***	Record Began ***	Record Latest Data Mo/Yr
CALIFORNIA (continued)																			
David Hydromet (Irrigated)	4	2294	1.53	2.36	4.49	6.69	8.98	10.24	10.55	9.25	7.59	5.47	2.56	1.57	52.08	19.16	-	71.24	7/59
38° 32', 121° 46'		1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	19	19	13	8	
Death Valley	4	2319	4.50	6.19	10.45	14.31	19.05	21.47	23.99	21.32	16.08	11.27	6.23	4.27	113.18	45.96	-	159.14	5/61
36° 28', 116° 52'		1.7	1.7	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	19	19	13	6	
Delano Gov Camp	4	2346	1.38	2.13	4.49	7.05	10.39	12.32	12.80	10.75	8.07	5.35	2.48	1.42	59.68	18.95	-	78.63	10/52
33° 49', 119° 11'		22	25	25	25	25	25	26	23	24	22	25	24	25	24	25	18	9	
Don Pedro Reservoir	4	2473	1.30	2.17	4.06	6.06	9.65	12.28	14.72	12.95	9.72	6.06	2.36	1.30	65.38	17.25	-	82.63	6/50
37° 43', 120° 24'		26	26	26	26	26	26	26	28	28	28	27	27	27	27	27	16	9	
Dutton Landing	4	2580	1.50	2.13	3.85	5.83	8.03	9.41	9.49	8.58	6.93	4.72	2.32	1.50	47.16	17.13	-	64.29	11/55
38° 12', 122° 18'		24	24	24	24	23	23	23	23	23	23	23	23	23	24	24	15	10	
Eagle Rock Res	4	2605	3.62	3.66	4.96	5.59	5.91	6.57	8.54	8.19	6.77	5.43	4.17	3.50	41.41	25.50	-	66.91	7/56
34° 09', 116° 11'		22	22	22	22	22	22	22	23	23	23	22	22	22	22	22	17	4	
El Toro - Maulton Ranch	4	2821	1.97	2.17	3.90	4.88	5.83	7.20	8.66	7.60	5.55	4.29	2.76	1.73	39.13	17.49	-	56.62	10/65
33° 36', 117° 42'		12	11	11	11	11	11	10	10	10	10	10	10	10	12	12	12	18	
Encino Reservoir	4	2830	2.91	3.23	4.72	5.98	7.36	8.03	10.55	10.00	8.58	6.30	4.72	3.23	50.82	24.79	-	75.61	7/32
34° 09', 118° 31'		28	28	28	28	28	28	28	29	29	29	28	28	28	28	28	12	5	
Fall River Mills Intake	4	2964	1	1.42	3.03	5.04	7.40	9.06	12.20	10.75	7.13	3.86	1.30	1	50.40	13	-	63	8/25
41° 01', 121° 28'		6	12	24	28	29	29	29	30	30	29	18	8	8	29	10	10	4	
Ferndale 2 ^{**}	4	3030	0.71	1.18	2.28	3.23	3.94	4.37	4.57	4.09	3.58	2.05	1.02	0.75	22.60	9.17	-	31.77	1/63
40° 36', 124° 17'		11	10	11	11	11	11	11	11	11	11	10	10	10	10	10	20	23	
Finley 1 SSB	4	3056	0.94	1.57	2.95	4.65	7.09	8.11	9.33	8.15	5.83	3.43	1.38	0.83	41.94	12.32	-	54.26	10/63
38° 59', 122° 52'		16	16	16	16	16	16	15	15	15	15	15	15	15	16	16	16	6	

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FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec										May-Oct ***	Nov-Oct ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct							
CALIFORNIA (continued)																		
Planting Fish and Game 40° 21', 120° 18'	4 3087	5.28	7.40	8.15	9.96	8.94	6.46	3.62				44.53	-	-	-	6/61	4/79	
Florence Lake 37° 16', 118° 58'	4 3093	1.26	1.42	2.44	3.94	5.87	7.76	8.66	8.19	6.14	4.13	2.36	1.54	40.75	12.96	-	53.71	10/46
Peloson Dam 38° 42', 121° 10'	4 3113	0.90	1.62	3.46	5.38	8.09	10.13	11.46	10.18	7.66	4.96	2.03	0.94	52.48	14.33	-	66.81	1/56
Presto State University 36° 49', 119° 44'	4 3257	1.14	2.05	3.94	5.90	8.58	10.31	10.94	9.17	6.69	4.21	2.05	1.02	49.90	16.10	-	66.00	9/68
Priant Gov Camp CP 35° 59', 119° 43'	4 3261	1.38	2.08	3.95	6.15	10.09	13.28	15.55	13.57	9.68	6.03	2.80	1.33	68.20	17.69	-	85.89	5/39
Pullerton AP 33° 52', 117° 24'	4 3289	2.76	3.07	4.41	5.39	6.57	7.24	8.74	7.99	6.66	4.96	3.58	2.68	41.96	21.89	-	63.89	1/35
Gibraltar Dam 34° 31', 119° 42'	4 3401	1.42	2.09	3.74	5.08	6.73	7.80	9.69	9.13	7.56	5.08	2.80	1.38	45.99	16.51	-	62.50	10/31
Hayfield Pump Plant 33° 42', 115° 28'	4 3855	5.00	5.91	9.45	12.95	17.09	18.82	19.84	17.17	14.88	11.02	7.36	4.84	98.82	45.51	-	144.33	12/45
Hanshaw Res 33° 14', 116° 46'	4 3914	1.81	2.64	3.98	5.31	7.20	9.06	11.22	9.96	7.24	4.72	2.76	1.97	49.40	18.47	-	67.87	7/59
Hatch Hatchy 37° 57', 119° 47'	4 3939					5.08	5.59	7.24	8.90	7.95	6.02	3.24	39.24	-	-	-	8/49	10/77
Highland Farm 35° 38', 120° 16'	4 3951	3.19	3.19	4.61	7	11	14	17	15	11	7.95	4.60	3.58	76	26	-	102	10/69
	60 21	10	10	10	9	9	9	9	9	9	10	10	10	48	21	15	***	3/79

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TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.,**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
CALIFORNIA (continued)																			
Hogna Dam 38° 09', 120° 49'	4	4018	1.38	2.13	3.90	5.75	8.46	10.87	13.11	11.73	8.82	5.90	2.36	1.30	58.89	16.82	-	75.71	3/59
Huntington Beach - Heil 1 33° 43', 118° 02'	4	4173	1.97	2.44	3.74	4.72	6.65	7.20	7.76	7.17	6.26	4.53	3.19	2.01	39.57	18.07	-	57.64	9/34
Huntington Lake 37° 14', 119° 13'	4	4176	1.02	1.06	1.85	3.27	5.24	6.89	8.39	7.60	5.55	3.70	2.09	1.34	37.37	10.63	-	48.00	10/46
Indio Date Garden 33° 43', 116° 15'	4	4259	2.83	4.43	7.26	9.91	12.82	14.76	14.81	13.46	10.66	7.55	4.00	2.55	74.06	30.98	-	105.04	3/59
Irvine Co Automatic 33° 40', 117° 40'	4	4300	2.56	3.07	4.25	5.24	5.98	6.57	7.72	7.40	5.90	4.41	3.22	2.52	37.98	20.86	-	58.84	2/46
Isabella Dam 35° 39', 118° 29'	4	4303	2.05	2.68	4.57	6.61	9.76	12.60	14.57	13.15	9.65	6.22	3.27	1.97	65.95	21.15	-	87.10	7/49
Jackson 1 NW 38° 22', 120° 47'	4	4321	1.18	1.89	3.43	4.69	7.05	9.61	12.28	11.02	8.03	5.24	2.10	1.02	53.23	14.81	-	68.44	1/59
Juncal Dam 34° 29', 119° 31'	4	4422	1.02	1.57	2.64	3.57	4.84	6.06	7.05	6.38	5.04	3.07	1.65	0.83	32.44	11.33	-	43.77	2/31
Kaiser Pass 37° 17', 119° 06'	4	4443	1.18	1.30	2.01	3.31	5.04	6.73	8.27	7.20	5.59	3.58	2.09	1.46	36.41	11.35	-	47.76	10/46
Kettleman City 35° 06', 119° 58'	4	4534	1.85	2.99	5.83	8.50	12.09	14.33	16.57	14.59	10.87	7.48	3.58	1.85	76.41	24.60	-	102.13	10/49
Knights Ferry 2 ESE 37° 48', 120° 39'	4	4590	0.98	1.77	3.23	5.24	8.11	10.35	12.25	10.71	7.83	4.88	1.85	0.91	54.13	13.98	-	68.11	3/59

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	State Index No.**	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aur	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Boran Mo./Yr	Latest Mo./Yr
CALIFORNIA (continued)																				
Lake Bard	4	4673	5.00	4.41	5.51	6.61	7.28	8.19	9.72	9.13	7.36	7.36	6	5.43	49.03	33	-	82	3/67	9/77
34° 15', 116° 50'			10	10	11	11	11	11	11	11	10	9	10	10	10	10	10	10	10	10
			32	30	22	22	14	21	9	13	18	22	24	24	24	24	24	24	24	24
Lake Curry	4	4677	1.34	2.01	3.46	5.04	7.16	8.98	10.31	9.57	7.28	4.92	2.52	1.38	48.22	15.75	-	66.97	1/31	12/45
38° 21', 122° 07'			15	14	15	15	15	15	15	15	15	14	14	15	15	15	15	15	15	15
			19	32	22	20	16	9	9	7	13	14	26	21	7	14	8	8	8	8
Lake Mathews	4	4689	3.11	3.23	4.49	5.55	7.32	8.54	10.59	10.12	7.95	5.91	3.98	3.07	50.43	23.43	-	73.86	1/39	10/78
33° 51', 117° 27'			40	40	40	40	40	40	39	39	40	40	39	39	39	39	39	39	39	39
Lake O'Neill - Camp Pendleton	4	4694	3.19	3.31	4.49	5.63	6.18	6.89	8.54	8.27	7.01	5.35	3.86	3.31	42.24	23.79	-	66.03	3/53	3/79
33° 20', 117° 19'			26	26	26	26	25	26	25	26	24	26	26	26	26	26	26	26	26	26
			25	32	22	26	14	13	15	21	22	18	28	30	9	16	11	11	11	11
Lakesport	4	4701	1	1	2.17	3.90	5.87	6.85	8.46	7.72	5.55	2.56	0.67	1	37.01	10	-	47	6/48	9/70
39° 02', 122° 50'			9	10	11	11	11	12	12	12	12	12	10	10	10	9	9	9	9	9
Lakeshore	4	4709	1.14	1.65	3.11	5.00	6.30	7.68	10.00	9.02	6.61	3.54	1.54	1.02	43.15	13.46	-	56.61	1/48	6/72
40° 53', 122° 23'			10	19	23	20	24	24	23	23	23	23	18	13	13	13	13	13	13	13
			34	28	18	14	12	12	7	10	9	17	21	32	7	7	7	7	7	7
Lakeside 2 E	4	4710	3.23	3.74	4.84	6.18	7.36	8.70	10.55	10.00	7.68	6.26	4.37	3.27	50.55	25.63	-	76.18	4/66	4/79
32° 51', 116° 53'			13	13	12	14	12	12	11	11	10	10	10	11	11	11	11	11	11	11
			17	16	13	14	11	14	14	6	6	6	6	17	12	14	14	14	14	14
Lake Solano	4	4712	1.85	2.87	5.04	7.37	10.66	12.18	12.87	11.36	9.01	5.98	2.62	1.78	62.06	21.53	-	83.59	7/63	12/79
38° 30', 122° 30'			16	16	16	16	16	16	16	17	17	17	16	16	16	16	16	16	16	16
Lake Spaulding Dam	4	4714																		
39° 20', 120° 38'			20	34	20	25	12	9	5	8	11	13	24	44	4	12	4	4	4	4
Taroy Anderson Dam	4	4916	0.98	1.26	2.44	3.62	5.31	6.50	7.64	6.61	4.96	3.15	1.37	0.91	33.97	10.58	-	44.55	5/66	8/78
37° 10', 121° 38'			12	12	12	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12
			31	11	18	21	13	15	10	15	15	24	25	25	25	25	25	25	25	25
Loring Reservoir	4	4922	1.02	1.46	2.48	3.58	4.96	6.50	7.36	6.65	5.04	3.03	1.65	0.94	33.54	11.13	-	44.67	1/60	8/78
39° 11', 121° 59'			19	19	19	19	19	19	19	19	19	19	17	17	17	17	17	17	17	17

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FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Record											Latest Data Mo/Yr						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Oct ***	Nov ***	Dec ***	Other Season ***	Annual ***	Began Mo/Yr
CALIFORNIA (continued)																			
Little Panache Det. Dam 36° 41', 120° 48'	4	4979	1.77	2.87	5.79	8.62	13.66	15.83	17.09	15.65	11.65	7.09	2.95	1.81	80.97	23.81	-	104.78	2/63
Livermore Sewage Plt. 37° 41', 121° 48'	4	4996	1.61	2.32	4.21	5.98	8.62	10.04	11.77	10.55	8.03	5.51	2.56	1.57	54.52	18.25	-	72.77	7/62
Lodi 38° 07', 121° 17'	4	5032	1.10	1.93	3.85	6.01	8.82	10.49	11.32	9.71	7.29	4.41	1.96	1.06	52.04	15.91	-	67.95	1/31
Los Algodones 32° 42', 114° 44'	4	5107	4.69	5.36	7.76	10.67	13.39	14.33	14.13	12.72	10.43	8.11	5.31	4.33	73.11	38.12	-	111.23	1/61
Los Banos Field Sta 37° 01', 120° 54'	4	5117	1.34	2.28	4.72	7.44	11.42	13.82	14.96	12.87	9.41	5.87	2.40	1.26	68.35	19.44	-	87.79	8/49
Los Banos Det. Resv 37° 03', 121° 04'	4	5120	1.74	2.69	5.75	9.50	14.80	17.16	18.54	15.83	12.17	7.26	3.17	1.94	85.76	24.79	-	110.55	7/68
Lost Hills 33° 57', 119° 41'	4	5151	1.61	3.07	5.91	9.02	13.46	16	18.46	15.59	11.65	7.72	3.54	1.81	83	24.96	-	108	7/49
Madera Id. Yard 36° 55', 120° 01'	4	5233	1.30	2.01	4.17	7.09	11.46	13.07	14.80	12.48	9.49	5.35	2.24	1.22	66.65	18.03	-	86.68	8/78
Mendeville Island 38° 02', 121° 34'	4	5296	1.14	2.40	4.69	6.77	8.78	10.63	11.38	9.92	7.52	5.20	2.52	1.18	53.43	18.70	-	72.13	5/55
Manteca 37° 48', 121° 12'	4	5303	1.22	1.73	3.98	6.30	9.25	10.28	11.57	10.24	7.56	4.17	1.85	1.18	53.07	16.26	-	69.33	5/65
Merced 5 SE 37° 16', 120° 23'	4	5532	1	2.01	4.06	5.83	8.78	10.67	12.01	10	7	5	2	1	53	16	-	69	2/59

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1936-1970).

** Climatological Date (NOAA-EUDS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	State No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Began Mo/Yr	Record Data Mo/Yr	Latest Data Mo/Yr
CALIFORNIA (continued)																					
Maricopa Hydro Res., Baja Cal	4	5570	2.72	3.66	6.10	8.11	10.71	12.09	12.13	10.59	8.15	6.8	3.39	2.48	59.85	26.46	-	86.31	1/61	12/76	
32° 40', 115° 48'			1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1/61		
12	12	13	8	8	8	4	5	5	5	10	7	11	11	11	11	11	11	11	4	4	
Rockingbird Res.	4	5736	3.31	3.07	3.35	3.94	4.65	5.31	7.01	6.65	5.71	4.92	3.90	3.22	34.25	20.79	-	55.04	7/41	2/79	
33° 54', 117° 25'			37	37	36	36	37	37	38	38	38	38	38	38	38	38	38	38			
Mojave	4	5756	35° 03', 118° 10'	69	64	71	74	63	59	54	50	50	52	53	55	52	58	53			
			7	10	13.86	15.91	17.60	15.79	11.85	7.99	5	83.00	-	-	-	-	9/64	4/78			
Monticello Dam	4	5818	1.14	1.85	3.27	4.96	9.41	11.30	10.16	7.68	4.88	2.01	1.10	50.79	14.33	-	65.12	12/58	1/70		
38° 30', 122° 07'			13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
27	27	34	19	27	9	13	7	6	6	6	13	25	28	28	28	28	28	28	7		
Morris Dam PC 390B	4	5871	2.24	2.28	3.78	4.72	6.06	7.05	9.33	8.78	7.24	5.08	3.70	2.20	43.54	18.92	-	62.46	10/30	9/49	
34° 11', 117° 53'			19	19	18	19	18	19	19	19	19	19	19	19	19	19	19	19			
Nacimiento Dam	4	6056	1.65	2.32	3.94	5.63	7.95	9.96	11.46	10.59	7.83	5.28	2.72	1.73	53.07	17.99	-	71.06	5/57	3/79	
35° 46', 120° 53'			21	20	22	21	22	22	22	22	21	22	22	20	20	20	20	20			
28	28	30	26	30	18	17	16	10	8	8	17	17	17	17	17	17	17	17			
Neville 1 E	4	6178	1.73	2.56	4.17	6.42	9.49	12.40	14.61	12.76	10.43	6.81	3.15	1.85	66.50	19.88	-	84.90	3/59	10/70	
39° 48', 122° 30'			11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12			
31	31	40	21	27	16	10	6	9	9	9	21	35	44	44	44	44	44	44	8		
Oakdale-Woodward Dam	4	6305	1.14	1.77	3.39	5.31	9.29	12.28	14.69	12.72	8.94	5.35	2.40	1.14	63.27	15.15	-	78.42	10/18	12/67	
37° 51', 120° 53'			42	44	41	45	42	43	42	43	42	43	42	43	43	43	43	43			
Oroville Dam	4	6527	1.22	1.97	3.54	5.31	8.03	10.24	12.32	11.02	8.43	5.28	2.24	1.18	55.32	15.46	-	70.78	1/59	3/79	
39° 32', 121° 29'			32	22	15	20	13	11	8	8	11	17	29	31	31	31	31	31			
Perris Res Evap	4	6818	3.06	3.94	5.35	6.38	8.58	10.47	12.87	12.36	9.29	6.81	4.29	3.15	60.38	26.97	-	87.35	12/63	1/79	
33° 50', 117° 12'			14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14			
41	41	27	22	25	12	19	8	6	6	6	19	20	20	20	20	20	20	20			
Pilot Rock Evap	4	6868	2.13	3.15	4.84	5.63	7.60	9.48	10.98	10.04	8.19	5.98	3.46	2.21	51.95	21.42	-	73.37	6/60	4/79	
34° 16', 117° 17'			12	16	16	17	18	19	19	19	18	17	19	17	19	17	19	17			
47	47	30	25	29	19	13	14	16	15	15	19	32	37	37	37	37	37	37			

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EUDS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr	
CALIFORNIA (continued)																				
Pine Flat Dam 36° 50', 119° 19'	4	6896	1.06	1.69	3.27	5.04	7.91	10.16	12.05	10.87	8.19	5.00	2.05	1.06	54.18	14.17	-	68.35	7/49	6/78
Placerville TFG 38° 44', 120° 44'	4	6962	1.42	1.69	2.83	4.21	6.02	7.83	9.72	8.82	6.89	4.13	2.05	1.57	43.41	13.77	-	57.18	6/48	6/78
Prado Dam 33° 54', 117° 38'	4	7123	3.43	3.50	4.72	6.14	7.68	8.62	10.71	10.00	7.91	5.67	4.21	3.38	50.59	25.37	-	75.96	7/30	1/69
Pyramid Reservoir 34° 40', 118° 47'	4	7170	3.90	3.98	5.35	6.73	8.27	10.35	12.13	11.85	9.06	6.65	4.61	3.78	58.31	28.35	-	86.66	3/67	12/78
Red Bluff 3 E 40° 09', 122° 10'	4	7291	1.77	2.36	3.90	5.71	7.60	9.53	10.39	8.66	7.13	4.65	2.28	1.61	47.96	17.63	-	65.59	1/59	12/72
Reddinger Lake - Dam 7 37° 09', 119° 27'	4	7305	1.57	2.13	3.98	6.50	8.98	11.61	14.76	12.87	9.33	6.18	2.91	1.85	63.93	18.94	-	82.87	10/46	9/59
Riverside Citrus Exp 33° 58'; 117° 20'	4	7473	2.83	3.23	4.57	5.79	7.05	8.19	9.88	9.25	7.05	5.24	3.62	2.68	46.66	22.72	-	69.38	1/25	4/78
Rodriguez, Baja Calif 32° 27', 116° 54'	4	7528	3.86	3.78	4.57	5.83	6.89	7.36	8.54	8.07	6.50	5.55	3.90	3.11	42.91	25.05	-	67.96	1/61	12/76
Salinas Dam 35° 20', 120° 30'	4	7672	1.81	2.56	4.21	5.79	8.15	9.69	11.65	10.98	8.19	5.83	2.87	1.77	54.49	19.01	-	73.50	7/63	3/79
San Antonio Dam 35° 49', 120° 56'	4	7714	1.97	2.60	4.25	6.18	8.78	10.94	12.28	10.98	8.23	5.31	2.99	1.89	56.52	19.88	-	76.40	12/66	3/79
San Bernardino PC 34° 06', 117° 16'	4	7725	2.97	3.52	4.62	6.24	7.67	8.31	11.40	10.84	7.92	6.08	3.83	2.62	52.22	23.80	-	76.02	6/59	10/73

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** Climatological Data (NOAA-EUDS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTHS^a

California (continued)	State Index No. ^{**}	Station No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May--Oct			Nov--Apr			Other Season			Annual			Record Began Mo/Yr		
															***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
San Fernando 34° 16', 118° 28'	4	7759	5.75	4.69	6.14	6.50	7.56	7.76	10.35	9.45	8.46	7.40	7.56	6.14	50.98	36.78	-	87.76	1/31	12/54									
San Jacinto Res MWD 33° 48', 117° 00'	4	7811	2.72	3.23	4.80	6.36	8.58	10.31	12.56	11.50	9.02	6.38	3.78	2.80	58.35	23.71	-	82.06	7/39	9/71									
San Luis Dam 37° 03', 121° 04'	4	7846	1.58	2.62	5.57	8.99	13.28	16.07	19.13	17.23	12.21	7.36	2.90	1.57	85.28	23.23	-	108.51	2/63	12/79									
San Mateo Cr., Camp Pendleton 33° 26', 117° 28'	4	7866	4.02	3.74	4.25	5.43	5.91	6.81	9.02	10.20	8.78	7.60	5.75	4.76	48.32	27.95	-	76.27	2/57	3/79									
San Pasquel Valley SDDU 33° 05', 117° 00'	4	7873	2.91	2.83	5	5.47	7.24	8	9.84	9.33	7.91	5.40	4.17	2.80	48	23	-	71	10/46	9/57									
Santa Rosa, Savage Pk. 38° 26', 122° 45'	4	7964	1.50	2.20	3.70	5.55	7.36	8.58	9.41	8.30	6.57	4.37	2.13	1	44.59	17	-	62	7/62	1/79									
Shasta Dam 40° 43', 122° 25'	4	8135	1.81	2.14	3.45	5.25	7.51	9.21	11.49	10.23	7.93	5.02	2.57	1.75	51.39	16.97	-	68.36	1/46	12/79									
Shaver Lake Res 37° 09', 119° 18'	4	8140	1.14	1.30	2.20	3.58	5.79	7.28	9.17	8.31	6.30	3.66	2.13	1.50	40.51	11.85	-	52.36	10/46	9/59									
Silver Lake Res 34° 06', 118° 16'	4	8252	2.75	3.58	4.72	5.59	6.77	6.93	9.02	8.35	6.73	5.04	3.62	2.72	42.84	22.98	-	65.82	1/52	12/67									
Sly Park 38° 43', 120° 34'	4	8295	0.55	0.94	1.77	3.23	5.00	7.32	9.09	8.46	6.02	3.46	1.38	0.79	39.35	8.66	-	48.01	7/55	2/79									
Soledad Crp 36° 28', 121° 23'	4	8338	2.40	2.99	4.61	5.98	7.68	8.19	8.58	7.60	6.57	5.31	3.11	2.24	43.93	21.33	-	65.26	3/61	5/71									

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** Climatological Data (NOAA-BDS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Began Mo/Yr	Recorded Mo/Yr	Latest Data Mo/Yr
CALIFORNIA (continued)																				
Stony George Res. 39° 35', 122° 32'	4	8587	1.18	1.85	3.70	5.67	8.43	10.67	12.55	11.02	8.27	4.80	1.89	1.18	55.74	15.47	—	71.21	11/48	9/78
Success Dam 36° 03', 118° 55'	4	8620	1.42	2.17	4.17	6.42	9.76	11.97	13.82	12.44	9.33	6.18	2.72	1.30	63.50	18.20	—	81.70	8/59	6/78
Taft KTRR Radio 35° 09', 119° 28'	4	8755	2.05	2.87	5.47	7.80	11.46	13.78	15.47	13.86	10.35	6.77	3.27	1.81	71.69	23.27	—	94.96	5/60	9/78
Tahoe City 39° 10', 120° 08'	4	8758	3	4.06	5.00	6.04	5.50	5.80	3.87	2.14	—	26.30	—	—	—	—	—	—	4/19	12/79
Tecate Hydro Res., Baja Calif	4	8817	3.27	3.31	4.29	5.20	6.14	7.01	8.62	8.27	6.81	6.42	3.86	3.54	43.27	23.47	—	65.74	1/61	12/73
Terminus Dam 36° 23', 119° 00'	4	8868	1.54	2.36	4.09	5.98	9.57	11.93	14.29	13.23	10.04	6.61	2.91	1.34	66.07	18.22	—	83.89	9/62	8/78
Tijuana Hydro Res., Baja Calif 4 32° 31', 117° 02'	4	8928	3.43	3.70	3.94	4.96	5.83	6.10	6.93	7.32	5.83	5.08	3.39	3.03	37.09	22.45	—	59.54	1/61	12/76
Tracy Pumping Plant 37° 48', 121° 35'	4	9001	1.58	2.70	5.53	8.51	12.48	15.57	17.57	15.25	11.09	6.79	2.98	1.58	78.75	22.88	—	101.63	7/53	12/79
Trinity Dam Vista Pt 40° 48', 122° 46'	4	9024	3	4.02	7.05	8.58	10.55	9.13	6.53	3.07	0.98	1	44.91	—	—	—	—	7/62	11/78	
Tujunga Spreading Gr - Evap 34° 13', 118° 25'	4	9068	3.35	3.70	5.04	6.06	7.68	8.03	10.16	9.61	7.36	5.79	4.53	3.50	48.63	26.18	—	74.81	12/32	12/44
Tullake 41° 58', 121° 28'	4	9053	5	8.02	8.34	9.45	8.54	6.65	3.62	—	44.62	—	—	—	—	—	—	8/62	12/79	

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** Climatological Data (NOAA-BDS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Record											Latest Data Mo/Yr						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Dec ***	Other Season ***	Annual ***	Record Began Mo/Yr	
CALIFORNIA (continued)																			
Torrey Pines Creek 40° 46', 122° 18'	9083	2.32	2.76	3.98	5.51	6.54	8.39	10.51	10.04	8.66	5.83	3.27	2.64	49.97	20.48	-	70.45	1/48	10/69
Twin Butte Dam 34° 59', 120° 19'	9111	3.21	3.49	4.52	5.35	6.97	7.61	8.86	8.55	7.34	5.91	3.99	3.29	45.24	23.84	-	69.08	4/62	12/79
U.S. Cotton Field Station 35° 32', 119° 17'	9145	1.50	2.64	5.12	7.48	11.18	12.20	12.40	10.55	8.19	5.35	2.40	1.30	60.32	20.44	-	82.59	8/44	10/78
Van Lake - USGS 33° 30', 116° 59'	9213	3.46	3.94	4.69	5.98	7.95	9.33	11.46	11.14	8.35	6.38	4.29	3.54	54.61	25.90	-	80.51	4/52	6/76
Valle de Las Palmas, Baja Calif 4 32° 23', 116° 40'	9218	4.02	4.06	5.12	6.50	7.91	9.21	10.63	10.31	8.50	6.66	4.33	3.70	53.02	27.73	-	80.75	1/61	12/77
Van Nuys FC 158 34° 11', 118° 27'	9260	1.31	1.41	2.63	3.57	4.36	4.60	5.86	5.17	3.71	2.37	1.73	1.22	25.93	11.81	-	37.73	1/30	7/48
Vedugio Pump Station 35° 15', 118° 20'	9298	5.59	5.13	6.46	7.43	7.28	8.52	11.18	10.38	9.59	8.43	6.27	6.06	55.66	36.70	92.36	1/56	12/69	
Villa Park Dam 33° 49', 117° 46'	9338	2.83	2.99	3.35	4.76	5.43	6.14	7.76	7.36	5.82	4.76	3.39	3.727	19.92	-	57.19	1/64	6/78	
Winton 39° 49', 120° 11'	9351	8	7.56	8.39	10.87	10.00	7.60	5	5	5	5	5	5	-	-	-	-	1/60	8/70
Westley 37° 33', 121° 12'	9565	1.38	2.32	4.61	6.65	8.98	10.55	10.91	9.06	7.40	5.16	2.44	1.54	52.06	18.94	-	71.00	10/49	12/71
Whale Rock Dam 35° 27', 120° 53'	960310	4.57	3.70	4.65	5.51	6.22	6.42	6.57	6.18	5.87	6.18	4.80	4.57	37.44	27.80	-	65.24	9/63	4/79

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** Climatological Data (NOAA-EDTS)
*** Sum of monthly means.
**** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR REST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr	
CALIFORNIA (continued)																				
Whale Rock Res. 35° 29', 120° 52'	4	960325	2.76	2.72	3.66	4.80	6	7	7	6	4	3	2.52	37	19	-	56	12/69	4/79	
		10	10	10	10	9	9	9	9	9	9	9	10	****	****	****	25	****	****	
Whiskeytown Reservoir 40° 37', 122° 32'	4	9621	1	1.51	2.92	4.61	7.09	8.84	11.08	9.71	7.11	3.79	1.44	1.08	47.68	13	-	61	7/59	12/79
		8	18	19	16	18	19	19	20	20	21	19	14	38	5	****	38	****	****	
Whitaker Forest 36° 42', 118° 56'	4	9629					6.06	7.39	7.80	5.71	3.50		-	-	31.06	-	7/66	10/77		
		16	16	18	18	9	8	14	13	21	37									
Willow Creek, 1 NW 40° 57', 123° 38'	4	9694	1	2	3	5	7.14	8.62	6.89	4.51	2	1	34	-	-	-	6/69	9/79		
		7	9	9	9	10	11	11	11	11	9	6	16	****	****	****	****	****		
COLORADO																				
Alamosa WSO AP 37° 77', 105° 52'	5	0130			7.45	9.71	10.58	9.57	8.37	6.68		-	-	52.36	-	5/60	9/79			
		12	15	16	17	17	17	17	17	17	17									
Bonny Lake (Bonny Dam) 39° 38', 102° 11'	5	0834			8.18	9.41	11.57	12.44	11.30	8.55	6.68	59.95	-	-	-	-	1/49	8/78		
		19	28	29	30	30	30	30	30	28	23	12								
Climax 2NW 39° 22', 106° 11'	5	1660				5.67	4.66	3.80				-	-	14.13	-	7/58	9/71			
		16	16	20	15	13	18	17												
Concejos 3 NW 37° 06', 106° 02'	5	1816			7	8.28	8.57	7.40	7.06	7.15	5.27	43.73	-	-	-	6/40	9/59			
		7	19	20	20	20	20	20	20	20	15	****	****	****	****	****	****	****		
Etes Park 40° 23', 105° 31'	5	2759			6	7.13	7.06	5.87	5.14			-	-	31	-	5/56	9/71			
		5	14	15	15	15	15	13	13	13	15									
Grand Junction 6 ESE 39° 03', 108° 27'	5	3489			7.77	10.23	12.83	13.20	11.35	8.38	5.19	2	61.18	-	-	-	4/56	9/79		
		17	22	23	23	22	23	22	23	21	17	8	22							
Grand Lake 6 SSE 40° 11', 102° 52'	5	3500			7	8.30	8.33	7.00	5.65	3.57	40	-	-	-	-	8/49	9/79			
		9	25	29	30	30	30	30	30	30	19	6	14	15	****	****	****	****		

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** Climatological Data (NOAA-EDS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation. For several California stations other years were used, but only annual or May-October coefficients were computed.

TABLE I. -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
COLORADO (continued)																				
Green Mountain Dam 39° 53', 106° 20'	5	3592					5.27	6.84	7.10	6.08	4.82	3.18		33.29	-	-	-	8/48	9/78	
							12	29	30	31	31	16								
							***	19	9	13	15	17								
John Martin Dam 38° 04', 102° 55'	5	4388				6	8.16	9.85	11.61	12.58	10.72	8.28	5.70	58.74	-	-	-	4/42	9/78	
						7	33	37	36	36	37	35								
						13	13	14	11	9	13	17	7							
Lake George S SW 38° 55', 105° 29'	5	4742					7	8.03	7.48	6.25	5.81					35	-	4/67	10/79	
							5	13	13	13	13									
							***	***	***	***	***									
Merdith 39° 22', 106° 45'	5	5507						8.96	8.85	7.26	5.41						30.48	-	5/69	9/79
								11	11	12	12									
								***	***	***	***									
Montrose No. 1 38° 29', 107° 53'	5	5717	1.28	1.56	3.54	5.59	7.58	9.35	9.21	7.58	5.80	3.57	1.68	1.29	43.09	14.94	-	58.03	1/41	10/79
			30	30	33	39	38	39	39	39	39	39	35	15						
			8	10	18	15	13	13	11	14	14	22	22	13	9	9			8	
Pueblo City Reservoir 38° 17', 104° 39'	5	6743	3.62	5.76	6.96	9.00	10.51	11.06	9.41	7.68	5.43	3.38	3	53.09	-	-	-	3/42	10/70	
			11	14	20	28	29	29	29	29	26	15	7							
			***	***	***	12	17	11	14	18	16	***	***	11						
Springfield 37° 23', 102° 42'	5	7866				8.44	10.60	12.26	13.16	11.88	9.16	6.86		63.92	-	-	-	9/56	10/79	
						23	23	23	23	23	23	24	24							
						17	14	12	12	13	16	21	10							
Sugar Loaf Reservoir 39° 15', 105° 22'	5	8064					6.50	5.85	5.02	4.12	3					24	-	8/48	9/79	
							19	27	27	26	8									
							***	12	13	11	11	***								
Twin Lakes Reservoir 39° 05', 106° 19'	5	8501						8	8.02	6.89	5.45						28	-	7/65	10/78
								7	10	10	10	10								
								***	***	***	***									
Vallecito Dam 37° 24', 107° 33'	5	8582				4.00	5.47	6.73	6.62	5.68	4.53	3.18	2	32.21	-	-	-	8/48	10/79	
						26	31	31	31	32	32	31	8							
						13	13	12	11	16	24	26	11							
Wagon Wheel Gap 37° 48', 106° 58'	5	8742					7	8.57	7.27	6.04	5.59	4		38	-	-	-	5/40	9/71	
							5	30	31	31	32	9		15	15	15	15			
							***	17	18	15	15	15	***							

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** Climatological Data (NOAA-EDS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No. ^{**}	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Mo/Yr	Latest Data Mo/Yr
COLORADO (continued)																				
Wiggins 7 SW 40° 09', 104° 11'	5	9025				10 9	8.61 10	9	10 9	8	6.02 10	4		4.6	-	-	-	4/61	9/70	
			****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****		
CONNECTICUT																				
Coventry 41° 48', 72° 21'	6	1689				6 6	5.85 19	6.06 23	5.06 22	3.77 21				-	-	27	-	5/57	7/79	
Norfolk 41° 38', 73° 13'	6	5445				3.70 14	4.30 15	4.52 15	3.87 15	2.38 15	1.28 13		20.50	-	-	-	5/65	10/79		
			****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****		
DELAWARE																				
Georgetown 38° 38', 75° 27'	7	3570				5.76 16	6.55 20	7.33 21	7.69 23	6.75 22	5.13 24	3.90 20		37.35	-	-	-	4/56	10/79	
Newark University Farm 39° 40', 75° 44'	7	6410				5.17 12	6.00 18	6.39 16	5.59 15	4.00 15			-	-	27.15	-	5/28	9/79		
			****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****		
FLORIDA																				
Bay Lake 26° 04', 82° 30'	8	0520	3.19	3.91	5.65	6.76	7.84	7.39	6.77	6.14	5.42	4.90	3.77	3.05	38.46	26.33	-	66.79	12/51	12/66
Belle Glade Exp. Station 26° 40', 80° 38'	8	0611	3.35	3.99	5.70	6.45	7.07	6.29	6.33	6.15	5.15	4.73	3.66	3.14	35.87	26.29	-	62.16	3/40	12/79
Flamingo R S 25° 09', 80° 55'	8	3020	5	5	7	9	9	9	8	8.15	7.43	6	6	4.38	4.5	34	-	79	5/63	9/75
Ft. Lauderdale Exp. Sta 26° 05', 80° 15'	8	3171	3.83	4.33	6.24	7.54	7.83	6.92	7.15	6.97	5.94	5.52	4.31	3.81	40.33	30.06	-	70.39	11/53	6/79
			25	25	25	25	25	25	25	21	20	22	23	24	8	6	4	4		
			13	8	9	6	13	11	10	7	12	9	7							

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr	
FLORIDA (continued)																				
Gainesville 2 ^{WSE} 29° 38', 82° 22'	8	3321	2.95	3.71	5.65	7.14	7.97	7.59	7.14	6.71	5.74	4.97	3.60	2.82	40.12	25.87	-	65.99	10/53	12/79
Bialeah 25° 50', 80° 17'	8	3909	3.81	4.42	6.12	7.26	7.80	7.12	7.36	7.22	5.91	5.81	4.79	3.80	41.22	30.20	-	71.42	1/41	12/79
Lake Alfred 28° 06', 81° 43'	8	4707	3.33	3.91	6.01	7.37	8.16	7.23	7.33	6.92	6.17	5.30	3.90	3.09	41.11	27.61	-	68.72	5/65	12/79
Lake City 2 ^E 30° 11', 82° 36'	8	4731	2.99	3.76	5.70	7.06	7.70	7.55	7.49	6.59	5.92	4.94	3.56	2.98	40.19	26.05	-	66.24	6/65	12/79
Liesbon 28° 52', 81° 47'	8	5076	2.75	3.30	5.01	6.59	7.15	6.61	6.55	6.02	5.09	4.44	3.21	2.59	35.86	23.55	-	59.41	1/60	12/79
Lochatchee 26° 41', 80° 16'	8	5182	3.17	3.81	5.28	6.27	6.94	6.17	6.01	5.91	5.16	4.55	3.40	2.81	34.74	24.74	-	59.68	1/41	12/59
Milton Exp. Sta. 30° 47', 81° 08'	8	5793	2.58	3.26	4.99	6.25	7.02	7.08	6.56	6.05	5.27	4.70	3.18	2.32	36.68	22.58	-	59.26	1/63	12/79
Moore Haven Lock No. 1 26° 50', 81° 05'	8	5895	4.05	4.30	6.47	7.87	8.50	7.68	7.50	7.17	6.56	5.91	4.46	3.60	43.32	30.75	-	74.07	1/49	12/79
Tamand Trail (40 Mi Bend) 25° 45', 80° 50'	8	8780	3.36	3.85	5.41	6.31	6.83	6.15	6.87	6.57	5.36	5.53	3.81	3.20	37.31	25.94	-	63.25	2/41	11/79
Vero Beach 4 ^N 27° 38', 80° 27'	8	9219	2.80	3.60	5.44	6.64	7.07	6.66	6.64	6.32	5.03	4.81	3.31	2.64	36.53	24.43	-	60.96	5/65	12/79
Woodruff Dam 30° 43', 84° 52'	8	9795	2.63	3.27	5.20	6.51	7.27	7.84	7.33	6.96	6.52	5.42	3.44	2.58	41.34	23.63	-	64.97	1/59	12/78

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** Climatological Data (NOAA-EDS)

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TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No. No.***	Station Index No.***	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ****	Nov- Apr ****	Other Season ****	Annual ****	Record Began Mo/Yr	Latest Data Mo/Yr
GEORGIA																				
Aly	9	0090	2.09	3.06	4.53	5.46	6.61	6.64	6.21	4.61	3.74	2.64	2.07	34.42	19.85	-	54.27	1/4/9	11/79	
32° 11', 82° 34'		17	19	18	20	20	17	13	18	20	19	15	****	****	****	****	****			
Allatoona Dam	9	0181	3	3.87	5.06	5.77	6.27	6.55	5.97	4.71	3.46	2.32	32.73	-	-	-	-	5/52	11/78	
34° 10', 84° 44'		7	12	25	27	27	27	27	27	26	16	13	13	13	13	13	6			
Athens College of Agric (Athens)	9	0432	2.76	3.20	4.82	6.12	7.13	7.49	7.63	6.83	5.65	4.21	3.03	2.53	38.94	22.46	-	61.40	6/53	6/71
33° 55', 83° 21'		14	15	17	16	17	18	16	17	18	17	18	17	18	17	18	6	5	3	
Calhoun Exp Station	9	1474	4.63	5.75	6.04	7.24	7.25	6.54	5.23	4.22	3	3	36.52	-	-	-	-	9/70	12/79	
34° 29', 84° 58'		8	9	9	9	9	9	9	9	10	10	9	9	10	9	8	8	8		
Experiment	9	3271	2.57	3.10	4.78	6.26	7.53	7.96	7.58	6.95	5.61	4.32	3.04	2.36	39.95	22.11	-	62.06	10/36	11/79
33° 16', 84° 17'		30	32	35	43	43	41	43	42	43	44	41	35	35	35	35	5	5	5	
Rome WSO AP (Rome)	9	7610	1.77	2.76	3.85	5.29	6.37	6.59	6.85	6.02	5.05	3.76	2.32	1.54	34.74	17.53	-	52.27	1/4/9	3/68
34° 21', 85° 10'		11	16	15	18	17	16	18	18	19	17	18	18	18	17	18	12	12	12	
Savannah WSO AP	9	7847	3	3.67	5.69	7.42	7.76	7.91	8.29	7.21	5.75	5.12	3.42	3	4.20	26	-	68	6/65	11/79
32° 08', 81° 12'		9	11	13	13	13	14	13	14	13	13	13	13	13	13	13	9	9	9	
Tifton Exp Sta (Tifton)	9	8703	2.22	2.78	4.53	6.00	7.08	6.97	6.81	6.32	5.13	4.24	2.80	2.17	36.55	20.50	-	57.05	5/37	12/79
31° 29', 83° 32'		36	40	40	39	42	42	41	42	42	41	42	40	40	40	40	7	7	7	
HAWAII																				
Hilo Ws Airport	49	1492	5.01	4.92	5.24	5.61	5.96	6.52	6.59	6.20	5.73	5.50	4.22	4.38	36.50	29.38	-	65.88	8/55	10/68
19° 43', 155° 04'		13	13	13	13	13	13	13	13	14	13	13	12	12	12	12	12	12	12	
Honolulu	49	1527	3.56	3.85	4.73	5.44	5.99	6.37	7.00	7.00	5.88	5.28	3.88	3.57	37.52	25.03	-	62.55	8/19	11/38
21° 23', 158° 01'		18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	19	

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** Climatological Data (NOAA-SDS)

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FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

		Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Other Season ***	Annual ***	Record No/Yr	Latest Data No/Yr
HAWAII (continued)																				
Honolulu Obs. 21° 19', 158° 00'	49	1918	4.73	5.14	6.80	7.50	8.57	9.03	9.66	9.84	8.60	7.54	5.82	4.97	53.24	34.96	-	88.20	1/56	12/78
Lihue WSO AP 21° 59', 159° 21'	49	5580	5.47	5.64	7.30	7.92	8.97	9.61	10.25	10.04	9.15	7.96	6.30	5.53	55.98	38.16	-	94.14	8/55	12/79
Maunawili Ranch 21° 23', 157° 48'	49	none	3.10	3.13	3.91	3.75	4.11	4.08	4.37	4.36	3.87	3.57	3.15	2.99	24.36	20.03	-	44.39	2/20	9/30
Pahala 19° 12', 155° 29'	49	7421	4.59	4.54	5.01	5.41	5.59	5.90	6.43	6.33	5.49	5.04	4.52	4.60	34.78	28.67	-	63.45	12/30	5/45
IDABO																				
Aberdeen Exp Sta 42° 57', 112° 50'	10	0010				5.19	7.56	8.48	9.88	8.84	6.03	3.61	44.40	-	-	-	5/35	12/79		
Liftton Pump Station 42° 07', 111° 18'	10	5275				4.19	6.35	7.52	9.02	7.96	5.54	3.15	39.54	-	-	-	5/35	12/79		
Nackay 4 NW 43° 57', 113° 40'	10	5466				8.88	10.65	9.11	6.92	1.12	14	14	10	****	****	-	35.56	-	7/67 8/79	
Milear Dam 42° 32', 114° 01'	10	none				4.35	6.82	8.11	9.47	8.59	5.72	3.05	2	41.76	-	-	-	4/27	7/45	
Minidoka Dam (Ruppert) 42° 40', 113° 29'	10	5980				7	8.17	10.82	13.02	11.48	8.30	4.79	3	56.58	-	-	-	5/49	5/62	
Moscow U of I (Moscow) 46° 44', 116° 58'	10	6152				4.39	5.42	6.18	8.46	7.60	4.50	3.20	35.36	-	-	-	6/39	12/79		
Palisades Dam (Palisades) 43° 21', 111° 13'	10	6764				5.81	7.20	9.45	8.45	5.54	4	26	6	40	-	-	5/49	9/75		

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FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

		Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Oct ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Date Mo/Yr
IDABRD (continued)																				
Twin Falls WSO 42° 33', 114° 21'	10	9303	7	8.62	9.13	10.36	9.11	6.68	4.49	4.39	-	-	-	-	5/63	10/79				
			9	17	17	17	17	17	17	13	13	13	13	13	13	13	13	13	13	13
ILLINOIS																				
Carlyle Reservoir 38° 38', 89° 20'	11	1290	5.57	6.95	8.50	8.80	7.24	5.69	4.37	4.15	-	-	-	-	4/63	10/79				
Hennepin Power Plant 41° 18', 89° 19'	11	4013	5	6.98	8.32	8.28	6.56	6.21	4	4.1	-	-	-	-	5/63	9/79				
Springfield WSO AP 39° 50', 89° 40'	11	8179	5.50	7.12	8.41	8.95	7.42	6.21	4.55	2	4.26	-	-	-	5/41	10/79				
Urbana	11	8740	4.62	6.33	7.60	7.80	6.29	4.85	3.43	3.630	-	-	-	-	4/63	10/79				
Urbana Engineering Campus 40° 07', 89° 14'	11	8750	3.90	5.67	6.25	6.52	5.92	4.59	3.23	3.218	-	-	-	-	4/48	10/62				
			13	14	13	15	15	15	15	14	11	11	11	11	12					
INDIANA																				
Culver Exp Farm 41° 10', 86° 28'	12	1952	6.61	7.67	7.38	6.25	4.80	3.23	3.594	-	-	-	-	-	6/61	11/74				
Dubois S Ind Forage Farm 38° 27', 86° 42'	12	2309	5.62	6.29	7.02	7.15	6.35	4.89	3.85	3.55	-	-	-	-	9/56	10/79				
Evansville WSO AP 38° 03', 89° 32'	12	2738	5.14	6.66	7.86	8.05	7.07	5.40	3.88	2.52	38.92	-	-	-	4/49	10/79				
Kendallville 41° 27', 85° 15'	12	4492	4.25	5.65	6.45	6.80	6.10	4.38	2.96	32.34	-	-	-	-	1/49	4/72				
			20	21	21	22	23	23	22	22	22	22	22	22	22	22	22	22	22	22
			17	11	11	9	11	11	11	11	11	11	11	11	11	11	11	11	11	11

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EPIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No. Mo.**	Station Index No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Oct ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr			
INDIANA (continued)																							
Miles Waterworks (Milan)	12	5656				4	5.42	6	6.07	5.60	4.17	3.16			30	-	-	-	5/55	5/68			
39° 37', 85° 08'						9	12	9	12	13	13	11				16	14	9	19	20	****		
Oaklanden Geist Reservoir (Tadiemepolis)	12	6506				3.76	4.96	5.71	6.15	5.31	4.01	2.62	1.66		28.76	-	-	-	6/37	10/79			
39° 34', 85° 59'						40	42	43	43	42	42	43	16				19	18	15	****	7		
Valparaiso Waterworks	12	8999				3.66	5.38	6.14	5.94	4.92	3.23	2.95		28.56	-	-	-	4/60	9/79				
41° 31', 87° 02'						10	20	20	19	20	20	19					14	10	9	11	23	29	9
W. Lafayette 6 NW	12	9430				4.88	6.30	7.26	7.33	6.02	4.84	3.54	2		35.31	-	-	-	9/56	10/79			
40° 25', 86° 56'						17	20	23	22	23	23	23	5				16	10	9	9	15	19	7
LOUISIANA																							
Amen & WSN	13	0200				6	7.39	8.65	8.59	7.12	5.43	4.32		41.50	-	-	-	4/65	10/79				
42° 02', 93° 48'						8	15	15	15	15	15	13				15	14	13	****	****	****	****	
Ames 3 SW (Ames)	13	0205				4.84	6.82	7.76	8.47	7.13	5.26	3.71	2		39.15	-	-	-	4/33	10/70			
42° 00', 93° 39'						35	38	38	38	38	38	38	6				20	15	14	8	13	25	10
Burlington Radio KBUR	13	1060				5.25	7.00	8.30	9.06	7.25	5.46	4.13		41.18	-	-	-	4/65	10/79				
40° 49', 91° 10'						14	15	15	15	15	15	15	15			15	15	15	****	****	****	****	
Castanea Exp Farm (Castanea 4E)	13	1277				5.65	7.10	8.12	8.34	7.23	5.40	4.23		40.42	-	-	-	5/56	9/79				
42° 04', 95° 49'						13	18	18	18	18	18	16					20	21	22	21	30	33	20
Cherokee	13	1442				4.19	6.01	6.92	7.86	6.66	5.03	3.45		35.93	-	-	-	8/37	11/53				
42° 45', 95° 32'						15	15	15	15	15	15	16	16			16	16	16	16	16	16	16	
Dubuque WSO AP	13	2367				5.29	7.00	8.17	8.54	7.57	5.14	3.87		40.29	-	-	-	4/63	10/79				
42° 24', 90° 42'						14	16	17	16	16	16	17	16			16	17	16	16	17	16	16	

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** Climatological Date (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No. **	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ****	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
IOWA (continued)																			
Norwich Exp Farm (Norwich)	13	6119			6.09	7.21	8.45	9.18	7.63	6.15	4.60		43.22	-	-	-	4/38	10/66	
40° 45', 93° 12'			18	22	21	22	21	22	21	21	20			*****					
Shenandoah 1 NE	13	7613			7	8.79	8.68	8.07	5.96	4.23			43	-	-	-	5/66	10/79	
40° 47', 93° 21'			9	10	10	10	10	10	10	10			*****						
KANSAS																			
Cedar Bluff Dam*	14	1383			8.23	9.60	12.29	13.31	11.89	9.09	6.47		62.65	-	-	-	8/49	9/78	
38° 48', 99° 43'			24	29	29	29	29	30	30	30	23		13						
Calley 1 SW 101° 04'	14	1699			7.94	9.42	12.11	13.41	11.71	9.26			-	-	63.85	-	4/66	9/79	
39° 23', 101° 04'			14	14	14	14	14	14	14	14									
Council Grove Dam	14	1867			6.86	8.18	9.24	10.68	9.48	6.62	5.26	3	49.46	-	-	-	6/64	9/78	
38° 41', 96° 31'			12	14	15	15	15	15	15	15	14	5							
Elk City Dam	14	2430			4.59	6.26	6.90	8.13	9.22	8.30	5.61	4.43	2.44	42.59	-	-	4/64	10/79	
37° 17', 95° 48'			10	16	16	16	16	16	16	16	16	12							
Fall River Dam	14	2686	4	5.58	7.49	8.31	9.22	10.61	10.09	7.47	5.59	3.46	2	51.29	-	-	8/48	9/78	
37° 39', 96° 05'			5	22	30	30	29	30	31	31	30	23	9						
Garden City Exp Sta	14	2980			9.50	11.48	13.65	14.66	11.88	8.86	7.32		67.85	-	-	-	4/63	10/79	
37° 59', 100° 49'			17	17	17	17	17	16	16	17	16	14							
Glen Elder Dam	14	3100			6.68	5.35	10.55	11.97	10.75	7.39	5.36		51.37	-	-	-	5/65	10/79	
39° 30', 98° 19'			11	15	15	15	15	15	15	15	15	13							
Hays 1 S	14	3527			8.17	9.88	12.90	14.52	13.05	10.04	7.50		67.89	-	-	-	5/38	9/79	
38° 52', 99° 20'			41	42	41	42	42	42	42	42	42	21							
Climateological Data (NOAA-EDS)			16	21	21	21	17	17	18	18	26								
Sum of monthly means.																			
Inadequate data between 1956-70 to compute the coefficient of variation.																			

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climateological Data (NOAA-EDS)

*** Sum of monthly means.

**** Inadequate data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State Index No. No.**	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began No./Yr	Latest Data No./Yr
KANSAS (continued)																				
Kansas City Dam 36° 36', 97° 37'	14	4178				7.08	8.25	10.13	11.49	10.50	7.72	5.78	5	53.87	-	-	-	5/49	9/78	
Lawrence Dam 39° 54', 95° 02'	14	4857				6.49	7.51	8.83	10.05	9.25	6.13	4.44		46.21	-	-	-	7/58	10/79	
Manhattan Agronomy Farm 39° 12', 96° 35'	14	4977				6.19	7.38	8.98	10.31	9.27	7.31	4.77		48.02	-	-	-	5/25 4/38	9/29 10/62	
Marion Dam 38° 23', 97° 05'	14	5039				6.73	7.87	9.49	11.27	9.97	6.84	5.39	3	50.83	-	-	-	5/66	10/79	
Milford Lake (or Dam) 39° 05', 96° 53'	14	5306				6.74	8.00	9.68	11.11	10.00	6.89	5.41		51.09	-	-	-	7/65	9/78	
Norton Dam 39° 49', 99° 56'	14	5832				7.49	9.02	11.05	12.42	10.78	7.66	5.71		56.64	-	-	-	4/63	10/79	
Perry Lake (or Dam) 39° 07', 95° 25'	14	6333				6.80	7.35	8.88	10.23	9.40	6.35	5		47	-	-	-	4/69	9/78	
Potowmik Dam 38° 39', 95° 34'	14	6498				7.13	7.87	8.88	9.92	8.82	6.37	5.85		47.71	-	-	-	9/63	9/78	
Sabathia Lake 39° 54', 95° 54'	14	7073				5.44	6.82	8.48	8.25	7.67	5.32	4.11	2	39.65	-	-	-	4/56	10/79	
Toronto Dam 37° 45', 95° 56'	14	8191				4.72	6.44	7.48	7.96	9.58	8.66	5.76	4.52	43.96	-	-	-	4/56	9/78	
Tribune 1 W (Tribune) 38° 28', 101° 46'	14	8235				7.79	9.86	12.17	13.90	12.01	8.96	6.14		62.67	-	-	-	9/16	9/78	

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

Station Index No.**	State No.***	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-	Nov-	Other	Record	Latest	
														Oct	Apr	Season	Began	Data	
KANSAS (continued)																			
Tuttle Creek Lake (or Dam) 39° 15', 96° 36'	14	8259				6.29	7.75	8.61	9.98	8.82	5.89	4.82		45.87	-	-	9/59	9/78	
Webster Dam 39° 25', 99° 25'	14	8648			6.80	8.29	10.09	11.54	10.17	7.18	5.57		52.84	-	-	4/58	9/78		
Wichita 37° 40', 97° 18'	14	None			6.19	6.99	8.90	10	10	7.75	5.62		49	-	-	9/18	6/27		
Wilson Lake (or Dam) 38° 58', 96° 29'	14	8946			6.87	8.54	10.24	11.98	10.77	7.53	5.97		55.03	-	-	3/64	9/78		
KENTUCKY																			
Buckhorn Lake (Buckhorn) 37° 21', 83° 23'	15	1080			4.62	5.02	5.47	5.63	5.07	3.89	2.91		27.99	-	-	4/61	10/79		
Davey Dam 37° 45', 82° 47'	15	2180			4.51	4.94	5.35	4.67	3.50	2.24		25.21	-	-	9/53	10/70			
Dix Dam 37° 48', 84° 43'	15	2214			5.33	6.14	6.47	6.93	6.34	5.01	3.62		34.51	-	-	4/54	9/79		
Edenville (Lock 21) 36° 54', 84° 53'	15	None			3	4	4.98	5.86	5.99	4.90	3.64	2.51	1.59		-	-	5/37	11/46	
Madisonville 37° 19', 87° 29'	15	5067			5.83	6.86	7.56	7.84	6.91	5.06	4		38	-	-	4/56	9/79		
Molin River Lake (or Reservoir) 37° 17', 86° 15'	15	5834			5.58	6.63	7.15	8.92	6.63	4.73	3.71		37.71	-	-	4/64	10/79		

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** Climatological Data (NOAA-EDTS)

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TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	State No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual *****	Record Begin Mo/Yr	Latest Data Mo/Yr	
KENTUCKY (continued)																					
Wolf Creek Dam 36° 52', 85° 09'	15	8807	2	2	4	4.68	5.47	6.35	6.57	5.88	4.58	3.24	2	2	32.09	17	-	49	6/48	9/70	
			7	7	12	20	23	23	23	21	7	6	12	18	12	12	12	7	****		
LOUISIANA																					
Galloupe Exp. Sta. 32° 31', 92° 20'	16	1411	2	3.02	4.69	5.59	6.89	7.48	7.56	7.15	5.38	4.35	2.68	2.14	38.81	20	-	59	8/50	11/79	
			7	15	19	19	18	18	19	20	20	20	28	14	15	15	15	15	****		
LSU Batt-Har Exp. Sta 30° 22', 91° 10'	16	5620	2.31	3.34	4.85	6.43	7.18	7.72	6.69	6.36	5.47	5.23	3.42	2.54	38.65	22.89	-	61.54	3/63	12/79	
			9	16	17	14	15	15	16	16	17	15	17	15	17	15	17	15	****		
Woodworth State Forest 31° 08', 92° 28'	16	9865	1.72	2.16	3.50	4.56	5.82	6.17	6.16	5.80	4.46	3.68	2.10	1.68	32.09	15.72	-	47.81	1/57	9/75	
			14	18	18	17	17	17	17	18	18	18	17	17	16	17	16	17	15		
MAINE																					
Caribou WSO AP 46° 52', 68° 01'	17	1175								5.46	5.72	5.80	4.72	3.20	2	27	-	-	6/63	9/79	
										10	17	17	16	16	5	****					
New Gloucester 43° 57', 70° 18'	17	5686								6	4.97	6	5.50	3.85	-	-	-	26	-	6/63	
										9	10	9	12	11	****						
MARYLAND																					
Beltsville 39° 02', 76° 53'	18	0700								5.13	5.66	6.57	7.31	6.19	4.75	3.34	2.44	33.82	-	-	
										11	31	36	37	37	34	33	17	****		5/41	10/79
Severn River Dam 39° 31', 79° 08'	18	8065								5	5.42	5.80	5.98	5.36	4.17	2.73	29.46	-	-	5/51	10/79
										8	27	26	26	29	29	27	18	4			
Upper Marlboro 3 NW 38° 52', 76° 47'	18	9070								4.62	5.67	6.31	6.68	5.85	4.12	2.99	31.62	-	-	4/56	10/79
										17	22	23	23	22	22	20	11	3			

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** Climatological Data (NOAA-SDIS)
*** Sum of monthly means.
**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No. No.**	Station Index No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct	Nov- Apr	Other Season ***	Annual ***	Record Begun Mo/Yr	Latest Data Mo/Yr
MASSACHUSETTS																				
Rochester 42° 47', 70° 55'	19	6938				3.09 21	4.53 28	5.27 14	5.63 14	4.77 14	3.33 10	2.13 11		25.66 28	-	-	-	4/52	10/79	
						15	14	14	10	11	12		7							
MICHIGAN																				
Dearborn 42° 18', 83° 14'	20	2015				3.88 18	5.86 14	6.91 14	7.35 14	6.18 10	3.10 10	2.99 14		32.39 26	-	-	-	8/52	9/79	
						15	14	14	10	11	12	13	25							
East-Lansing 42° 43', 84° 28'	20	2395				5 7	6.18 23	6.95 23	7.37 23	6.14 24	4.45 24	2.91 23		36.00 24	-	-	-	4/56	10/79	
						14	10	12	8	13	13	25								
Gersbach Wildlife Refuge 46° 17', 85° 57'	20	3123				4.90 18	5.89 20	6.24 21	5.00 22	2.97 22	1.91 20			26.91 22	-	-	-	7/39	10/60	
						15	14	14	13	13	13	25								
Lake City Exp Farm 44° 19', 85° 12'	20	4502				5 8	6.11 11	6.43 16	5.31 18	3.43 17	2.34 12			29 17	-	-	-	5/60	9/79	
						16	16	16	18	17	12									
Lupcon 1 SW 44° 25', 84° 01'	20	4967				4.80 24	5.17 29	5.62 29	4.46 29	2.87 29	1.82 26			24.74 26	-	-	-	5/51	10/79	
						15	16	10	17	14	14	40								
South Haven Exp Farm 42° 24', 86° 17'	20	7690				3.99 25	5.59 27	6.61 27	6.81 27	6.06 27	4.57 27	3.17 25		32.81 27	-	-	-	5/52	9/78	
						10	11	8	7	11	11	14	5							
MINNESOTA																				
Hoyt Lakes 5 N 47° 35', 92° 08'	21	3921				5.12 10	5.83 15	6.15 14	4.80 14	2.92 13	2			27 13	-	-	-	5/58	8/79	
						15	14	14	13	8										
Lamberton SW Exp Sta 44° 15', 93° 19'	21	4546				5 9	7.93 13	9.03 13	9.02 13	7.43 13	5.61 13				44 13	-	-	-	5/66	9/78
						14	13	13	13	13	13									
Waseca Exp Sta 44° 04', 93° 31'	21	8692				6 5	6.43 15	8.38 15	8.47 15	6.73 15	5.07 15					41	-	4/64	9/79	
						15	15	15	15	15	15									

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** Climatological Data (NOAA-EDIS)

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TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began No./Yr	Latest Data No./Yr
MISSISSIPPI																			
Scott 33° 36', 91° 05'	22	7886	2.12	2.78	4.50	5.87	7.48	8.38	8.15	7.32	5.74	4.36	2.87	2.01	41.43	20.15	-	61.58	11/52
State University 33° 26', 88° 48'	22	8374	2.28	3.81	4.59	5.99	7.24	7.62	7.77	7.30	5.75	4.49	3.01	2.25	40.17	21.93	-	62.10	10/48
Tunica 2 34° 41', 90° 23'	22	8998	24	26	29	31	31	31	31	31	32	32	26	11	8	****	-	4/60	10/79
MISSOURI																			
Columbia (Univ of Missouri) 38° 59', 92° 28'	23	1800	4.80	5.77	7.06	8.11	6.82	5.76	3.54	2	37.06	-	-	-	-	-	-	5/16	10/26
Ponca, De Terre Dam 37° 55', 93° 19'	23	6777	5.94	7.05	8.51	8.99	8.09	5.22	4.31	24	24	24	8	****	****	****	6/36	9/39	
St. Louis (Washington U) 38° 39', 90° 19'	23	7470	2.77	4.17	5.32	6.06	6.75	5.82	4.67	2.79	1.53	31.41	-	-	-	-	6/44	10/52	
Spickard 7 W 40° 13', 93° 43'	23	7963	5.25	6.07	7.01	8.00	6.98	4.88	3.78	3.72	36.72	-	-	-	-	-	6/63	9/78	
Walden Springs 38° 42', 90° 46'	23	8805	4.85	6.07	7.39	7.28	6.49	4.88	3.72	35.83	-	-	-	-	-	-	6/38	10/56	
MONTANA																			
Babb 6 NE 48° 56', 113° 22'	24	0392	5.96	6.28	7.18	6.00	4.24	19	30	29	24	-	-	-	29.66	-	5/50	8/79	
Borenson Agricultural College 45° 40', 111° 03'	24	1044	3.67	5.72	6.17	8.33	7.47	4.73	2.72	17	12	11	18	15	35.14	-	-	7/16	10/20

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No. **	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Began Mo/Yr	Record Began Mo/Yr	Latest Data Mo/Yr		
MONTANA (continued)																						
Roseman 6 W Exp Farm 45° 40', 111° 09'	24	1047				5	5.87	6.76	8.13	7.46	5.07	3	36	-	-	-	-	5/67	10/79			
Canyon Ferry P H 46° 39', 111° 44'	24	1470				6	12	13	13	13	13	7	****	****	****	****	-	5/56	9/79			
Dillon WMEC 45° 12', 112° 38'	24	2409				5.23	6.38	8.33	7.31	4.59	24	24	-	-	-	31.84	-	-	8/50	9/79		
Fort Assiniboine 48° 30', 109° 48'	24	3110				5.05	7.27	7.95	9.94	9.17	5.58	3	30	30	30	5	****	-	-	4/48	9/79	
Fort Peck 48° 01', 106° 27'	24	3175				7.47	7.70	9.61	9.28	6.73	4.41	23	32	-	-	44.96	-	-	5/35	9/56		
Fort Peck P H 48° 01', 106° 24'	24	3176				7.49	8.68	10.67	9.86	5.88	3.56	23	23	23	23	21	46.14	-	-	5/56	9/79	
Bungay Boree Dam 46° 21', 114° 00'	24	4328				5.07	5.82	7.98	6.77	3.48	2	31	-	-	-	-	-	-	8/48	9/79		
Huntley Exp Sta 45° 55', 108° 15'	24	4345				5.25	6.88	7.15	8.64	7.84	4.79	20	23	31	9	****	-	-	40.55	-	8/48	10/79
Malta 48° 21', 107° 52'	24	5337				7.10	7.82	8.73	7.55	4.61	2.75	11	11	11	11	10	38.56	-	-	5/26	10/70	
Meccasin Exp Sta 47° 03', 109° 57'	24	5761				5	6.97	7.79	10.44	9.95	6.51	27	27	27	27	-	-	47	-	4/48	9/79	
Sherbourne Lake 48° 50', 113° 31'	24	7150				6.24	5.89	8.34	7.18	4.83	14	14	14	14	14	32.48	-	-	5/35	8/48		

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).
** Climatological Data (NOAA-8D13)
*** Sum of monthly means.
**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.	State No.**	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	May - Oct	Nov - Apr	Other Season ***	Annual ***	Record No./Yr	Latest Data No./Yr
MONTANA (continued)																				
Sidney 47° 44', 104° 09'	24	7560				4.14 12	6.21 22	6.89 22	7.72 23	6.64 23	3.94 23	2.62 22		34.02	-	-	-	5/57	10/79	
Terry 46° 48', 105° 18'	24	8165				8.00 13	8.85 20	10.75 22	9.51 23	5.72 19	4 5					-	-	8/50	8/74	
Tiber Dam 48° 19', 111° 05'	24	8233				5 14	6.46 21	7.02 23	8.63 23	7.99 13	4.78 23	4 5					-	4/53	9/75	
Valier 48° 19', 112° 15'	24	8501				6.79 33	7.05 45	8.48 46	7.87 47	6.47 46	3.47 10					-	-	7/16	8/78	
Western Montana Br. Sta. 46° 20', 114° 04'	24	8783				6 5	7 9	7.99 12	6.78 13	4.27 12							32	-	4/66	10/79
Yellowtail Dam (Hardin) 45° 19', 107° 56'	24	9240				8.36 13	8.49 18	10.56 18	9.67 18	6.37 18	5.15 11						-	-	8/48	9/79
NEBRASKA																				
Box Butte Exp Sta (or Farm) 42° 08', 102° 57'	25	1045				6 8	8.36 31	9.25 32	11.04 32	9.98 32	7.47 14	5.36 14						-	6/48	9/79
Bridgeport 47° 40', 103° 06'	25	1145				5.18 41	6.81 48	8.02 48	9.19 48	8.08 48	5.78 48	3.69 44						-	5/31	9/78
Enders Lake (or Dam) 40° 45', 101° 41'	25	2741				7.49 26	8.11 28	9.99 28	11.36 28	10.09 28	7.55 29	5.03 29						-	9/51	10/79
Gavins Point Dam 42° 51', 97° 29'	25	3165				5 5	7.51 17	8.45 17	9.71 17	8.37 17	5.84 17	4.54 14						-	5/61	9/78
Grand Island WSO AP 40° 58', 98° 19'	25	3395				8.49 17	10.73 16	11.14 15	9.56 17	6.75 17							46.67	-	4/63	9/79

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** Climatological Data (NOAA-EDTS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.*	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Begun Mo/Yr	Latest Data Mo/Yr
NEBRASKA (continued)																				
Hastings Co Lake (or Dam) 40° 05', 99° 12'	25	3595	6.62	8.64	10.15	11.26	10.10	7.62	5.57	5.34	-	-	-	-	5/49	10/79				
Holdredge 1 E 40° 26', 99° 20'	25	3911	6.96	7.75	9.22	7.32	5.46	-	-	-	35.71	-	-	7/57	9/70					
Kingsley Dam 42° 13', 101° 39'	25	4455	6.91	8.21	9.77	8.52	5.91	4.03	4.35	-	-	-	-	8/38	10/79					
Lincoln Agric Farm 40° 51', 96° 37'	25	4790	5.06	6.93	8.39	9.96	8.40	6.44	4.33	4.38	-	-	-	4/17	9/68					
Head Agronomy Lab 41° 10', 96° 25'	25	5362	7.65	9.19	9.62	7.93	5	-	-	-	40	-	-	4/69	9/78					
Medicine Creek Dam 40° 23', 100° 13'	25	5388	7.08	8.58	10.35	11.45	10.18	7.72	5.37	53.65	-	-	-	10/51	10/79					
Mitchell 5 E 41° 57', 103° 41'	25	5590	6.34	6.74	8.52	9.08	7.30	5.45	5	42	-	-	-	4/49	9/79					
Northeastern Nebr Exp Sta 42° 43', 96° 57'	25	6018	8.47	9.54	10.28	8.02	6.16	-	-	42.47	-	-	5/63	9/79						
North Platte Exp Farm 41° 04', 100° 45'	25	6075	6.28	9.30	9.42	11.22	9.93	7.40	6.53	53.80	-	-	-	5/49	10/79					
Omaha (North) MSFO 41° 22', 96° 01'	25	6260	7.80	8.82	8.70	7.94	5.75	4.81	43.82	-	-	-	6/58	9/79						
Red Willow 40° 21', 100° 39'	25	7110	7.29	8.82	10.35	11.49	10.16	7.38	5.55	53.75	-	-	-	4/62	7/79					

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr	
NEBRASKA (continued)																					
Rosenmont	25	7330					7.59	9.39	10.31	11.47	10.72	8.19	6.20		56.28	-	-	-	6/48	10/67	
40° 16', 98° 22'			14	19	20	20	16	17	13	16	20	20	20								
Trenton Dam	25	8628					7.17	8.74	10.49	12.06	10.98	8.01	5.46		55.74	-	-	-	5/54	10/79	
40° 10', 101° 04'			22	25	25	26	17	18	21	12	13	22	23								
Valentine Lakes Game Refuge	25	8755					6.83	7.69	8.67	7.74	5.94	4.51			41.38	-	-	-	6/48	8/79	
42° 35', 100° 41'			27	30	30	29	16	13	11	8	16	12	16								
NEVADA																					
Boulder City	26	1071	3.44	4.43	7.49	10.77	13.87	16.26	16.14	14.07	11.42	7.75	4.59	3.30	79.51	34.02	-	113.53	1/49	12/79	
35° 53', 114° 51'			40	39	40	42	41	42	41	43	42	41	39	35							
Central Nev Field Lab	26	1630					6	9	10.75	12.25	11	8.61	5.11								
39° 23', 117° 19'			8	8	11	10	8	8	8	7	10	15	10	16	3	****					
Falcon Exp Sta.	26	2780					4.21	5.75	7.34	8.52	9.21	7.86	5.49	3.75	2.99						
39° 27', 116° 47'			13	13	15	15	16	16	16	16	16	16	15	13							
Lahonton Dam	26	4349					8	9.78	11.56	13.96	12.37	8.07	4.85		60.59	-	-	-	4/48	5/74	
39° 28', 113° 04'			5	15	23	23	15	23	23	23	23	11	8	8	****						
Lamonielle Power House	26	4395					5	6.29	7.45	9.78	8.92	6.40	3.83		42.67	-	-	-	7/16	8/47	
40° 41', 115° 26'			7	24	24	24	10	14	15	15	15	16	9								
Ruby Lake	26	7123					7.78	9.65	10.94	9.77	5.97	4									
40° 12', 115° 30'			10	10	10	10	10	10	10	10	10	10	10								
Rye Patch Dam	26	7192					8.55	9.95	12.80	11.30	8.12	4.90		55.62	-	-	-	7/40	10/79		
40° 28', 116° 10'			25	27	27	27	25	27	27	28	28	24	17		****						
Silverpeak	26	7463					10	11	18.21	17.72	16	12	7	3		82	-	-	3/68	11/79	
37° 40', 117° 35'			7	8	10	10	8	10	10	8	9	8	6	****							

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** Climatological Data (NOAA-EDIS)

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TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct ***	Nov-- Dec ***	Other Season ***	Annual ***	Record Began Mo/YR	Latest Data Mo/YR
NEVADA (continued)																				
Topaz Lake 38° 41', 119° 02'	26	8970	7	9.85	10.99	12.96	11.95	8.86	6.11	18	16	16	16	59.65	-	-	-	7/57	7/70	
NEW HAMPSHIRE																				
Lakeport 2 43° 33', 71° 24'	27	4480	5	12	16	18	10	15	11	9	20	25	25	25	2.74	2.91	-	-	5/52	10/79
Massabesic Lake 42° 59', 71° 24'	27	5211	3	4.40	5.06	5.58	4.51	2.94	1.94	1	16	16	16	1.5	5	24.43	-	-	5/42	11/55
NEW JERSEY																				
Cance Brook 40° 45', 74° 21'	28	1335	4.78	4.92	5.52	4.65	3.38	2.19	25.44	-	-	-	-	-	-	4/31	9/79			
New Brunswick 40° 28', 74° 26'	28	6055	5.81	6.51	8.33	7.14	4.54	3.04	35.37	-	-	-	-	-	-	6/68	10/79			
Pleasantville 39° 25', 74° 31'	28	7131	4.15	5.63	5.85	6.58	5.67	4.01	2.68	1.95	21	21	21	21	1.6	30.42	-	-	4/37	6/58
Rumney 40° 26', 74° 20'	28	7825	5.09	5.21	5.64	5.07	4.12	2.62	2	14	14	14	14	5	27.75	-	-	5/35	11/48	
NEW MEXICO																				
Abiquiu Dam 36° 14', 106° 26'	29	0041	7.83	10.21	11.83	10.79	9.50	7.59	5.66	5.58	13	16	16	16	16	-	-	4/64	12/79	
Agricultural College 32° 17', 106° 45'	29	0131	3.01	4.44	7.69	10.01	11.75	13.01	11.95	10.27	36	36	36	37	37	61.51	31.77	-	93.28	10/18
			36	36	36	36	36	36	36	36	36	36	36	37	37	****	****	****	****	

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
NEW MEXICO (continued)																				
Alamogordo Dam 34° 36', 104° 23'	29	0205	3.82 24 ***	4.66 31	8.51 35	11.12 13	13.18 11	14.95 10	14.25 11	12.38 12	10.14 19	7.35 19	4.87 17	3.79 31	72.25 26	36.77 8	-	109.02 ****	1/39	11/73
Animas 31° 57', 106° 49'	29	0417			10.98 12 ****	14.38 10 ****	14.40 11	12.87 12	11.19 13	8.62 10	6.77 10				68.23 ****	-	-	-	1/67	11/79
Bitter Lakes Wild Rge. 33° 29', 104° 24'	29	0992	2.92 17	4.34 23	7.28 24	10.14 21	11.73 10	12.94 15	12.37 15	10.83 8	8.46 14	6.20 19	3.63 17	2.72 22	62.53 20	31.03 18	-	93.56 ****	1/51	10/79
Bosque del Apache 33° 46', 106° 54'	29	1138	3.57 12 ****	3.52 16 ****	7.79 14	10.38 16	11.38 14	13.41 17	11.48 18	10.52 17	8.12 17	6.56 17	3.31 12	2.84 14	61.47 13	31.65 13	-	93.39 ****	1/49	10/73
Caballo Dam 32° 54', 107° 18'	29	1886	4.45 32	5.41 34	9.05 37	12.20 36	14.23 36	16.19 36	13.66 37	12.00 37	9.75 37	7.28 37	4.92 33	3.51 33	73.11 33	39.54 33	-	112.65 ****	3/42	10/79
Capulin Nat'l Mon 36° 47', 103° 58'	29	1454				9.73 12 ****	10.90 14 ****	10.24 13 ****	9.41 12 ****	8.22 12 ****					-	-	48.50 5	-	5/63	9/79
Clovis 13 N 34° 36', 103° 13'	29	1963	4.07 14	6.94 24	9.10 28	10.56 28	11.83 28	11.56 28	9.87 28	8.09 28	6.19 28	4.43 29	3.73 29	56.39 27	-	-	-	4/51	11/79	
Eagle Nest 36° 33', 103° 16'	29	2700				7.55 25 ****	8.25 32 ****	7.62 35 ****	6.74 36 ****	5.76 33 ****					-	-	35.92 17	-	8/34	9/79
El Vado Dam 36° 36', 106° 44'	29	2837				8.06 32 ****	9.36 38 ****	8.89 39 ****	7.38 39 ****	6.29 39 ****	4.68 22 ****	4.38 13 ****	4.46 13 ****	-	-	-	-	7/36	10/75	
Elephant Butte Dam 33° 09', 107° 11'	29	2848	3.28 63	4.85 63	8.53 63	11.75 63	14.45 64	16.17 64	13.64 63	11.63 64	9.72 64	7.70 64	4.75 63	3.21 62	73.31 62	36.37 17	109.68 6	4/16	12/79	
Estancia 34° 45', 106° 04'	29	3060					9.00 10 ****	8.97 12 ****	8.29 12 ****	7.40 11 ****	5.90 11 ****			-	-	39.56 12	-	5/66	9/79	

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
NEW MEXICO (continued)																				
Parrington 4 NE 36° 45', 108° 10'	29	3134				7.33	8.37	10.42	10.01	8.89	6.62				-	-	51.64	-	3/49	9/79
			12	17	19	11	9	13	18	18	18									
Florida 32° 36', 107° 29'	29	3225	3.84	4.79	8.02	10.93	13.07	14.86	11.91	10.29	8.63	6.80	4.45	4.07	65.56	36.10	-	101.66	10/38	9/79
			21	35	35	38	36	36	37	38	38	34	28		****	****	****	****		
Jornada Exp Range 32° 37', 106° 44'	29	4426	3.00	4.35	7.38	10.23	12.12	13.32	10.88	9.87	7.89	5.94	3.75	2.72	60.02	31.43	-	91.45	1/53	8/79
Lake Avalon 32° 29', 104° 15'	29	4736	4.77	5.78	9.46	12.49	14.47	15.76	14.50	12.57	9.38	7.71	5.45	4.42	73.62	42.21	-	115.83	12/51	10/78
			20	25	26	26	26	26	26	25	26	23	18		20	8	****	****		
Los Lunas 34° 46', 106° 45'	29	5150				8.24	9.95	10.98	10.38	9.18	6.66	4.68			51.83	-	-	-	3/62	11/79
			15	18	13	9	11	14	10	12	18	20								
Navajo Dam 36° 49', 107° 37'	29	6061				7.32	10.42	11.81	11.76	10.01	7.45	5.40			56.85	-	-	-	8/36	10/79
			20	23	22	23	22	23	23	24	23	24		****	****	****	****			
Portales 7 WNW 34° 11', 103° 21'	29	7014	3.36	4.30	8.04	9.20	10.66	12.57	11.82	10.90	8.42	6.24	4.58	3.40	60.61	32.88	-	93.49	4/34	8/60
			23	24	26	27	27	27	27	26	26	25	24		24	****	****	****		
Roswell 11 33° 18', 104° 32'	29	7609	2.79	4	6	8.25	10.61	11.01	9.60	8.67	6.58	3.84	2.93	4.81	31	-	-	-	2/40	1/51
			10	9	10	10	10	10	10	10	10	10	10							
Santa Fe 35° 40', 105° 55'	29	8072	1.49	2.13	3.91	6.39	8.98	10.75	9.52	8.09	6.97	4.89	2.51	1.39	49.20	17.82	-	67.02	6/16	11/55
			17	17	18	19	30	36	36	36	37	36	20	17	****	****	****	****		
State University 32° 17', 106° 45'	29	8535	3.03	4.29	7.48	10.14	12.44	13.42	12.04	10.56	8.13	6.14	3.78	2.76	62.73	31.48	-	94.21	1/56	12/79
			24	4	24	24	24	24	24	24	24	24	24		24	24	24			
Tucumcari 3 NE 35° 12', 103° 41'	29	9156				10.55	12.21	13.28	16.91	11.23	11.23	8.92			-	-	73.10	-	4/56	9/79
			19	8	13	4	7	5	8	9	10	12	15	19	4	7	4			

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** Climatological Data (NOAA-EDS)
*** Sum of monthly means.
**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR WEST MONTHS

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct ***			Nov-- Apr ***			Other Season ***			Record Regen ***			Latest Date Mo/Yr				
														May	Oct	***	Nov	Apr	***	May	Oct	***	Nov	Apr	***	Annual	Regen	***	Latest	Date
NEW MEXICO (continued)																														
Ute Dam 35° 21', 103° 27'	29	9284	8.22	8	10.66	11.01	9.60	7.12	6.25	4.93	55.40	-	-	-	-	-	-	-	-	-	-	-	-	-	2/65	11/79				
NEW YORK																														
Aurora Research Farm 42° 44', 76° 39'	30	0331	5.26	6.36	6.98	5.78	4.04	2.79	31.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/57	5/78		
Beechville 2 SW 43° 27', 75° 21'	30	0785	5.23	5.92	6.47	5.36	3.40	2.69	29.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/50	10/73		
Canton 4 SE (Canton 3 SE) 44° 34', 75° 07'	30	1185	5.83	7.33	6.93	5.57	3.65	2.65	31.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7/62	9/79		
Dommerville Dam 42° 03', 74° 58'	30	2169	4.66	5.09	5.51	4.88	3.32	2.15	25.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/59	10/79		
Geneva Res Farm (or Exp Sta) 42° 53', 77° 02'	30	3184	4	5.59	6.70	7.60	6.03	4.10	2.73	32.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/61	10/79			
Greeneport Power House 41° 06', 72° 22'	30	3464	5	5.50	6.18	5.20	3.95	3.30	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/59	10/79		
Lockport 4 NE 43° 12', 78° 38'	30	4849	4	4.77	5.87	6.42	5.40	3.68	2.35	25.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6/61	10/79		
Nine Mile 1 W 40° 44', 73° 38'	30	5377	3	4.82	6.31	7.19	8.00	6.73	5.32	3.74	2	37.29	-	-	-	-	-	-	-	-	-	-	-	-	-	4/56	10/67			
Mt. Pleasant Farm 42° 27', 76° 22'	30	5604	5.09	5.90	6.35	5.49	3.83	2.55	29.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5/57	10/77		
New York Central Park 46° 47', 73° 58'	30	5801	4.11	5.06	6.02	7.86	5.88	4	3.01	2	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4/44	10/58			

* First line of data in the table for each station is mean evaporation in percent (computed only where there are 10 years or more of record during 1956-1970).
** of variation in percent (computed only where there are 10 years or more of record during 1956-1970).
** Climatological Data (NOAA-SDIS)
** Sum of Monthly Means.
*** In sufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct ***	Nov-- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr					
NEW YORK (continued)																								
Yonkersville 42° 39', 73° 54'	30	None												5.05 26 ****	5.57 24 ****	6.16 24 ****	5.20 25 ****	3.52 25 ****	2.30 25 ****	27.80 ****	-	-	8/17 10/41	
NORTH CAROLINA																								
Catawba 35° 37', 83° 06'	31	1564												3.58 10 ****	3.86 12 ****	4.08 12 ****	4.14 13 ****	3.94 13 ****	2.88 12 ****	2.39 11 ****	21.39 ****	-	-	4/66 10/79
Chapel Hill 2 W (Chapel Hill) 35° 55', 79° 06'	31	1677	1.55	1.84	3.58	4.85	5.60	6.14	6.20	5.64	4.48	3.15	1.99	1.43 30 ****	31.21 17 ****	15.24 13 ****	-	46.45 4/21	10/79	****				
Lumberton 6 NW 34° 42', 79° 04'	31	5177	2.52	2.78	4.83	6.05	7.23	7.42	7.63	6.86	5.23	4.24	2.77	1.96 12 ****	38.61 18 ****	21.51 18 ****	-	60.12 1/62	11/79	****				
Mayesville, (Hoffman Forest) 34° 50', 77° 18'	31	5420	1.81	2.57	3.97	5.65	6.55	6.54	6.88	6.16	4.54	3.35	2.24	1.58 36 ****	34.02 10 ****	17.82 17 ****	-	51.84 1/50	12/79	****				
Murphy 35° 04', 84° 00'	31	6001	1.09	1.46	2.90	4.19	5.16	5.57	5.07	5.05	3.87	2.77	1.60	1.02 40 ****	27.49 12 ****	12.26 10 ****	-	39.75 12/34	7/76	****				
W. Kerr Scott Reservoir 36° 08', 81° 14'	31	9555												5 ****	5.62 15 ****	5.91 15 ****	5.53 15 ****	4.19 15 ****	3.21 13 ****	2 5 ****	30.17 ****	-	-	5/65 10/79
NORTH DAKOTA																								
Carrington 4 N 47° 31', 99° 07'	32	1362												8.15 10 ****	8.46 13 ****	8.70 13 ****	8.20 12 ****	6.15 13 ****	4 6 ****	43. ****	-	-	5/67 9/79	
Devils Lake KDLR (or WB city) 48° 07', 98° 52'	32	2158												3.57 13 ****	6.08 16 ****	6.00 19 ****	6.94 11 ****	6.17 15 ****	3.96 19 ****	3 5 ****	32. ****	-	-	5/51 10/70
Edgeley Exp Farm 46° 20', 98° 42'	32	2482												4.35 12 ****	6.66 19 ****	6.98 19 ****	7.78 19 ****	7.55 18 ****	3.88 17 ****	-	-	37.20 - ****	9/50 7/69	

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1936-1970).

** Climatological Data (NOAA-EDS)

*** Sum of monthly means.

**** Insufficient data between 1936-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No. ^{**}	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-	Nov-	Other	Record	Latest	
														Oct	Apr	Season	Annual	Began No./Tr	Data No./Tr
NORTH DAKOTA (continued)																			
Fargo WSO AP 46° 54', 96° 48'	32	2859				7.25	7.73	8.87	7.76	5.36	4	4.1	—	—	—	—	4/63	9/79	
Riversdale 47° 30', 101° 21'	32	7585			6	7.31	7.81	9.09	8.69	6.03	4.15	4.3	0.08	—	—	—	7/49	9/79	
Williston 48° 08', 103° 45'	32	9430			7	28	30	31	31	30	15	4.3	0.08	—	—	—	8/56	9/79	
OHIO																			
Charles Mill Lake (or Dam) 40° 44', 82° 22'	33	1466			3.59	4.98	5.90	6.21	5.48	4.01	2.65	29.23	—	—	—	—	4/39	10/79	
Columbus University Farm 40° 00', 83° 03'	33	1782			5	5.69	6.83	7.27	6.23	4.76	3.29	34.07	—	—	—	—	4/58	10/70	
Columbus (Ohio State Univ) 40° 00', 83° 00'	33	1788			8	13	14	13	14	13	12	11	25.86	—	—	—	—	6/18	11/55
Cochetown Agric Ranch Station 40° 22', 81° 48'	33	1905			3.33	4.45	5.29	5.66	4.79	3.53	2.14	35	37	38	38	38	38	38	
Dayton 39° 45', 84° 10'	33	2067			4.04	5.65	6.77	7.06	6.20	4.63	2.86	33.17	—	—	—	—	4/37	10/69	
Deer Creek 39° 30', 83° 13'	33	2090			5	6	7	6.63	6	3.67	3	32	—	—	—	—	6/70	11/79	
Senecaville Lake (or Dam) 39° 55', 81° 26'	33	7559			4.35	5.52	6.32	6.35	5.73	4.30	2.99	31.21	—	—	—	—	4/39	10/79	
Tom Jenkins Lake 39° 33', 82° 04'	33	8378			4	5.08	5.39	5.45	4.72	3.61	2.52	1	26.77	—	—	—	7/53	11/79	

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** Climatological Data (NOAA-EDS)

*** Sum of monthly means.

**** Insignificant date between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct	Nov-Apr	Other Season ***	Annual ****	Record Began Mo/Yr	Latest Data Mo/Yr
OHIO (continued)																				
Wooster Exp. Station	33	9312				4.03	5.23	6.31	6.80	5.81	4.35	2.71			31.21	-	-	-	7/16 10/79	
40° 47', 81° 36'			19	17	10	12	10	12	10	12	10	12	21							
OKLAHOMA																				
Altus Dam 34° 53', 99° 18'	34	0184	3.89	5.73	8.23	9.71	11.43	12.29	11.48	8.14	6.47	4.65	4	59.52	-	-	-	3/48 10/79		
			12	24	30	31	30	31	30	26	24	14	9							
Aktoké Dam 34° 27', 96° 04'	34	0394			7.75	7.60	8.78	10.53	9.82	6.98	5.67	3.92		49.38	-	-	-	6/63 11/79		
			12	16	17	17	17	17	17	16	16	15								
Broken Arrow Dam 34° 08', 96° 42'	34	1168	3	4.79	6.15	7.12	8.12	8.92	8.40	5.91	4.66	2.95	2.01	43.13	-	-	-	9/64 10/79		
			9	13	15	15	15	15	14	15	16	15	13							
Canton Dam 36° 05', 96° 36'	34	1465	3	4.00	6.71	7.96	8.40	9.98	11.53	10.93	8.23	6.06	4.03	2.48	55.13	27.75	-	82.88 3/48 7/79		
			6	10	22	29	32	32	31	31	31	30	23							
Chickasha Exp. Station 35° 03', 97° 55'	34	1750				9.38	11.27	11.79	10.33	7.45	5.56	4	55.78	-	-	-	6/53 10/79			
			31	15	19	13	18	21	21	21	21	21	20							
Fort Gibson Dam 35° 52', 95° 14'	34	3286	2.00	2.87	4.73	6.43	7.14	8.60	9.25	8.77	6.51	5.06	3.26	2.23	44.27	21.52	-	65.79 3/48 7/79		
			21	26	30	32	32	32	32	31	31	30	24							
Fort Supply Dam 36° 33', 99° 35'	34	3304	3	6	6.87	9.26	9.92	11.99	12.77	11.87	9.01	6.58	4.36	2.72	62.14	32	-	94 7/40 12/79		
			6	8	18	31	39	39	40	40	40	39	23							
Goodwill Research Station 36° 31', 101° 37'	34	3628				10	11.51	13.33	14.46	12.07	9.42	7.33		68.12	-	-	-	4/48 9/79		
			9	24	29	31	31	31	31	30	30	20								
Grand River Dam 36° 28', 95° 03'	34	3700				5.21	6.98	7.33	8.94	9.63	9.22	6.86	5.05	3.29	2.00	47.01	-	-	4/41 11/77	
			12	25	30	34	35	36	35	36	36	36	16							
Great Salt Plains Dam 36° 45', 98° 08'	34	3740				6.26	7.38	9.06	11.52	13.05	11.80	8.45	6.42	3.93	67.68	-	-	3/48 10/79		
			12	24	29	29	30	30	30	31	30	30	14							

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** Climatological Data (WMO-2D1S)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr	
OKLAHOMA (continued)																				
Hayburn Dam, 35° 57', 96° 17'	34 4098	5.13	6.90	6.57	8.05	8.94	8.26	6.57	4.86	2.99	2	4.325	-	-	-	4/49	11/64			
Keystone Dam, 36° 09', 96° 15'	34 4812	5	6.73	6.83	8.77	9.77	8.89	6.16	5.04	3.27	45.46	-	-	-	9/59	10/79				
Lake Overholser, 35° 29', 97° 40'	34 4978	6.15	7.60	8.60	9.45	8.71	6.44	4.67	45.47	-	-	-	-	4/52	8/79					
Morgan University 35° 13', 97° 26'	34 6391	5.19	5.90	6.57	9.03	9.15	8.70	6.81	4.72	2.69	4.498	-	-	-	5/37	6/56				
Oologah Dam, 36° 26', 95° 41'	34 6729	3	5.52	7.06	8.22	9.04	11.57	10.30	7.00	5.52	3.26	2	51.65	-	-	8/56	8/79			
Stillwater 2 W, 36° 07', 97° 05'	34 8501	8	15	22	22	22	22	24	23	19	8	10	10	-	-	6/48	10/79			
Tenkkiller Ferry Dam 35° 36', 95° 03'	34 8769	7.78	8.13	9.80	11.20	10.00	7.68	5.93	4	52.74	-	-	-	-	4/49	6/79				
Tipton 4 S 34° 26', 95° 08'	34 8879	4.72	5.92	6.51	7.64	8.79	8.33	6.04	4.51	2.91	1.68	41.82	-	-	-	4/49	6/79			
Wister Dam, 34° 56', 94° 43'	34 9724	2.52	2.65	4.73	5.89	6.38	7.78	8.46	7.67	5.79	4.35	2.93	2.27	40.43	20.99	-	61.42	1/48	6/79	
Woodard Field Station 36° 25', 95° 24'	34 9762	11	19	25	26	28	28	27	27	26	26	16	18	9	****	-	-	51.39	6/79	
OREGON																				
Astor Exp Station 46° 09', 123° 49'	35 0318	1	1.05	1.64	2.34	3.92	4.10	4.75	4.32	3.11	1.76	1	21.96	8	-	30	1/49	10/73		
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** Climatological Data (NOAA-EDIS)																				
*** Sum of monthly means.																				
**** Insufficient data between 1956-70 to compute the coefficient of variation.																				

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	State No.***	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Other Season ***	Annual ***	Record Mo/Yr	Latest Data Mo/Yr				
OREGON (continued)																						
Corvallis State College 44° 38', 123° 12'	35	1862				3.10	4.51	5.50	7.34	6.55	4.36	2.11	30.37	-	-	10/17	11/79					
Cottage Grove Dam 43° 43', 123° 03'	35	1902			2.23	3.08	4.85	5.82	7.98	6.86	4.59	2.22	32.22	-	-	8/43	8/78					
Detroit Dam 44° 43', 122° 15'	35	2292			1.95	2.70	4.67	6.20	8.26	6.79	4.44	2.20	1.80	32.56	-	-	1/56	10/79				
Dorena Dam 43° 47', 122° 58'	35	2374			2.68	3.56	5.54	7.06	7.72	6.08	3.88	2.20	33.84	-	-	5/50	8/78					
Fern Ridge Dam 44° 07', 123° 18'	35	2867	0.36	0.90	2.02	3.13	5.10	6.18	8.29	7.07	4.81	2.12	1.14	0.37	33.57	7.92	-	41.49	8/43	11/79		
Lookout Point Dam 43° 55', 122° 46'	35	5050			2.81	3.48	5.04	6.25	8.07	7.27	4.87	2.59	34.09	-	-	-	-	5/56	10/79			
Malheur Branch Exp. Station 43° 39', 117° 01'	35	5160			5.18	7.03	8.42	10.79	8.99	5.58	2.52	43.33	-	-	-	-	4/49	10/79				
Malheur Refuge Headquarters 43° 17', 118° 50'	35	5162			26	31	31	31	31	31	31	31	31	31	31	13	-	35.50	-	5/61	9/79	
Madford Exp. Station 41° 18', 122° 52'	35	5424	0.63	1.07	2.36	3.77	5.62	6.91	8.71	7.22	4.54	1.98	0.78	.0.56	36.98	9.17	-	44.15	9/37	10/79		
Moro 43° 29', 120° 43'	35	5734				5.20	7.69	9.93	12.67	11.26	6.93	3.60	2.6	34	30	5	****	****	****	****	4/57	10/79
N. Willamette Exp. Station 45° 17', 122° 45'	35	6151	1	1.44	2.65	3.49	5.75	6.68	8.16	7.19	5.07	2.63	1.14	1	35.48	11	-	46	2/63	11/79		

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of variation in percent (computed only where there are 10 years or more of record during 1936-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

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FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Began Mo/Yr	Record Data Mo/Yr
PENNSYLVANIA (continued)																				
Feltton Dam 44° 44', 121° 14'	35	6532				4.71	6.79	8.41	10.21	8.31	5.39	2.59		41.70	-	-	-	6/57	5/74	
			16	16	16	14	12	11	8	11	15	15	13	4						
Summer Lake 1 S 42° 54', 120° 49'	35	8173				7.49	8.87	11.21	9.71	6.58	3.48			47.34	-	-	-	5/61	10/79	
			19	19	19	15	12	10	12	8	19	19	15	7						
Warm Springs Reservoir 43° 34', 118° 12'	35	9046				5.23	7.63	8.94	12.15	10.66	6.82	3.69		49.89	-	-	-	5/27	9/74	
			29	47	48	47	47	48	47	48	47	47	16	****						
Wickitop Dam 43° 41', 121° 41'	35	9316				4	5.66	6.79	8.54	7.05	4.88	2.55		35.47	-	-	-	5/41	10/79	
			5	39	39	39	39	39	39	39	39	39	18	****						
			****	12	12	10	13	10	13	10	13	10	****							
PENNSYLVANIA																				
Bellefonte 4 S 40° 51', 77° 47'	36	530				7	7.15	7.55	6.28	4.84	3			36	-	-	-	6/56	9/73	
			9	10	11	12	11	11	11	11	5		****							
Confluence 39° 48', 79° 22'	36	1705				3.74	4.80	5.63	5.53	4.63	3.47	1.37		25.23	-	-	-	4/49	9/79	
			30	31	31	31	31	31	30	30	26		6							
Ford City 4 S Dam 40° 43', 79° 30'	36	2942				4.89	5.32	5.85	4.90	3.56	2.29			26.81	-	-	-	5/59	10/79	
			30	31	31	31	31	31	31	31	30		6							
Francis E. Walter 41° 07', 75° 44'	36	3018				5.58	5.85	6.37	5.30	3.84				-	-	26.94	-	5/63	9/79	
			16	17	17	17	17	17	17	17	17	17	****							
Jamison 2 NW 41° 36', 80° 28'	36	4325				4.29	4.58	5.58	4.70	3.17	2.34			-	-	24.66	-	5/42	9/79	
			23	37	37	37	37	37	39	39	18									
Landerdale 2 NW 40° 07', 76° 26'	36	4778				5.74	6.61	7.17	5.91	4.31	2.89			32.63	-	-	-	5/52	10/79	
			19	25	27	28	28	28	28	28	20	20	14	8	11	12	10	24	5	

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*** Insufficient data between 1956-70 to compute the coefficient of variation.

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FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct	Nov-Apr	Other Season ***	Annual ****	Record Begun Mo/Yr	Latest Data Mo/Yr
RHODE ISLAND																				
Kingston 41° 29', 71° 32'	37	4266					4.91 21	5.33 23	5.67 15	4.95 15	3.73 15	2.84 15		27.43 15	-	-	-	4/57	10/79	
SOUTH CAROLINA																				
Blackville 33° 22', 81° 19'	38	764	2.37 12	2.80 13	4.44 16	6.02 16	6.53 16	7.00 16	7.09 15	6.18 15	4.74 15	4.03 15	2.75 15	2.25 15	35.57 15	20.63 15	-	56.20	10/63	12/79
Charleston City 32° 54', 80° 02'	38	1544	2.58 17	3.22 19	5.27 21	6.54 21	7.20 21	7.24 21	7.54 10	6.59 19	5.38 20	4.58 21	3.22 17	2.45 21	38.53 21	23.28 17	-	61.81	2/59	12/79
Clark Hill Dam 33° 40', 82° 11'	38	1726	1.90 22	2.37 24	3.79 27	5.27 26	6.30 27	7.08 27	6.97 27	6.53 26	5.04 26	3.83 26	2.48 26	1.87 21	35.75 21	17.77 21	-	53.52	8/52	11/79
Clemson University 34° 41', 82° 49'	38	1770	1.92 25	2.51 25	4.07 30	5.54 31	6.24 31	6.69 31	6.86 31	6.31 30	4.77 29	3.66 30	2.56 29	1.78 24	34.53 24	18.36 24	-	52.89	1/49	11/79
Rainbow Lake 35° 07', 81° 58'	38	7113					5.22 12	5.83 13	6.48 13	6.67 13	6.13 13	4.59 13	3.39 13		38.31 13	-	-	-	5/65	10/77
Union 7 SW 34° 39', 81° 45'	38	8786	1.68 13	2.17 15	3.58 15	5.25 15	6.28 14	6.62 14	6.94 15	6.40 15	4.71 15	3.42 15	2.07 15	1.50 15	34.37 15	16.25 15	-	50.62	7/49	12/55
SOUTH DAKOTA																				
Angostura Dam 43° 21', 103° 26'	39	217					7.38 21	8.52 22	10.35 21	9.80 10	6.94 13	4.59 10		47.58 21	-	-	-	4/49	9/70	
Brookings 44° 19', 96° 46'	39	1076					7.86 9	8.56 11	9.34 11	8.73 8	6.15 15			-	-	-	40.64	-	4/53	
Cottonwood 43° 58', 101° 52'	39	1972					6.25 15	7.55 23	8.84 25	10.73 24	10.37 25	8.06 23	5.34 15	57.14 18	-	-	-	5/53	10/79	

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-ETIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

Station Index No.**	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ****	Nov- Apr ****	Other Season ****	Annual ****	Record Began Mo/Yr	Latest Data Mo/Yr	
SOUTH DAKOTA (continued)																				
Madison Research Sta 44° 02', 97° 10'	39 5090	5.17	7.86	9.14	9.52	8.23	5.55	3.96	4.42	2.6	-	-	-	6/62	10/79					
Newell 2 MN 44° 43', 103° 25'	39 6054	14 ****	18 ****	16 ****	17 ****	18 ****	18 ****	16 ****	46.25	25	-	-	-	4/49	10/75					
Oahe Dam 44° 27', 100° 25'	39 6170	5.12	7.04	7.86	10.06	9.75	6.48	5.06	46.25	25	13	17 ****	51.62	-	-	9/60	10/79			
Pactola Dam 44° 04', 103° 29'	39 6427	22 ****	25 ****	25 ****	25 ****	25 ****	25 ****	13 ****	14 ****	14 ****	14 ****	14 ****	14 ****	29.05	-	-	4/55	9/79		
Pickstown 43° 04', 98° 32'	39 6574	5.22	7.45	8.34	10.38	9.12	6.00	4.31	45.60	26	29	23	13 ****	-	-	9/50	10/79			
Redfield 6 E 44° 53', 98° 23'	39 7052	11 ****	15 ****	17 ****	20 ****	24 ****	24 ****	13 ****	10 ****	8 ****	18 ****	18 ****	18 ****	42.03	-	-	6/49	4/78		
Shadet Hill Dam 45° 46', 102° 12'	39 7567	7.35	7.56	9.28	8.19	5.96	3.69	10 ****	10 ****	10 ****	10 ****	10 ****	10 ****	45.87	-	-	8/50	10/76		
Sioux Falls WSO 43° 34', 96° 44'	39 7667	5.19	7.48	8.20	9.96	9.42	6.51	4.30	5.96	29 ****	29 ****	29 ****	29 ****	-	-	-	5/65	9/79		
TENNESSEE																				
Center Hill Dam 36° 06', 85° 49'	40 1569	2.00	2.39	3.80	5.13	6.27	7.07	7.26	6.73	5.57	3.69	2.77	36.59	-	-	-	1/49	11/62		
Jackson Kep 35° 27', 88° 55'	40 4561	10 ****	11 ****	13 ****	21 ****	22 ****	22 ****	22 ****	22 ****	22 ****	22 ****	22 ****	22 ****	7	-	-	5/61	10/79		
Jefferson City 36° 07', 83° 27'	40 4609	1.07	1.49	3.00	4.34	5.22	5.82	6.02	5.32	4.11	2.74	1.53	1.04	29.23	12.47	-	41.70	12/41	12/79	

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDDS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct	Nov-Apr	Other Season ***	Annual **	Record Begun Mo/Yr	Latest Data Mo/Yr
TEXAS (continued)																			
Knoxville 35° 53', 83° 57'	40	4946			5.38	5.93	6.60	6.82	6.31	4.36				-	-	35.40	-	5/66	10/79
Neptune 3 S 36° 19', 87° 11'	40	6454	2.11	3.26	4.69	5.57	6.36	6.66	5.92	3.41	3.27	2.04	1.42	31.19	-	-	-	10/36	11/48
Paris 5 E 36° 19', 88° 41'	40	6977	1.36	1.82	3.13	4.59	5.33	6.14	6.55	6.19	5.00	3.33	2.08	1.26	32.74	14.24	-	46.98	1/49
Selmer 35° 10', 88° 37'	40	8160			4.92	5.44	5.99	5.98	4	3.97				31	-	-	-	9/62	7/72
TEXAS																			
Austin 30° 18', 97° 42'	41	428	2.90	3.62	5.43	6.30	7.29	8.79	9.84	9.76	7.11	5.69	3.67	2.81	49.09	24.73	-	73.82	4/16
Balmorhea 30° 59', 103° 45'	41	498	2.86	3.81	6.55	8.26	9.04	10.16	9.77	9.03	6.93	5.23	3.73	2.87	50.16	28.08	-	78.24	2/40
Beaumont 28° 27', 97° 42'	41	639	3.36	3.66	5.13	5.93	6.84	7.75	8.47	8.18	6.30	5.43	4.17	3.57	42.97	25.82	-	68.79	1/49
Beltone Dam 31° 06', 97° 29'	41	665	2.86	3.68	5.70	6.40	7.46	9.35	10.84	10.25	7.61	5.60	3.52	2.84	51.11	25.00	-	76.11	7/53
Benbrook Dam 32° 39', 97° 27'	41	691	2.82	4.03	6.56	7.50	8.63	10.73	12.56	11.53	8.56	6.55	4.09	3.17	58.56	28.17	-	86.73	7/53
Dangerfield 9 S 32° 55', 96° 43'	41	2225	2.61	3.35	5.60	6.99	8.38	9.33	10.14	9.74	7.07	5.58	3.56	2.82	50.24	24.93	-	75.17	7/59
Denison Dam 33° 49', 96° 34'	41	2394	2.71	3.53	5.86	7.15	7.88	9.90	10.88	10.26	7.22	5.63	3.92	2.61	51.77	25.78	-	77.55	10/40
		32	21	27	19	14	15	18	19	25	19	19	14	14	****	****	****	****	

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-DBS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct ***	Nov-- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr	
TEXAS (continued)																				
Billey 32° 40', 99° 10'	41	2458	2.93	3.74	6.26	7.64	8.73	10.09	10.81	10.19	7.42	5.54	3.65	2.72	52.78	26.94	-	79.72	6/28	12/79
Fort Stockton 2 NE 30° 52', 102° 54'	41	3280	4.03	5.14	9.26	10.88	12.28	14.27	13.77	12.47	9.22	7.20	5.04	4.21	69.21	38.56	-	107.77	5/40	3/61
Grand Falls 31° 48', 102° 50'	41	3680	3.39	5.02	9.19	11.41	13	14	14	13	9	7.13	4.73	3	37	70	-	107	2/40	7/54
Grapavine Dam 32° 58', 97° 03'	41	3691	3.17	3.97	6.56	7.51	8.70	10.65	12.29	11.42	8.31	6.48	4.17	3.24	57.85	28.62	-	86.47	8/53	11/79
Hards Creek Dam 31° 51', 99° 34'	41	4278	4.12	5.18	8.10	9.60	10.24	12.19	13.51	12.27	9.23	7.32	4.87	4.10	64.76	35.97	-	100.73	7/53	10/79
Laron 33° 02', 96° 29'	41	5094	2.83	4.03	6.25	7.35	7.23	10.28	11.54	10.58	8.05	6.33	4.13	3.05	54.01	27.64	-	81.65	7/53	10/79
Manfield Dam 32° 34', 97° 09'	41	5561	2.71	3.44	5.20	6.32	7.16	8.56	10.66	10.26	7.40	5.45	3.65	2.90	49.49	24.22	-	73.71	1/49	6/64
McCook 29° 30', 98° 23'	41	5721	4.18	5.07	8.01	8.86	9.18	10.43	11.97	11.69	8.94	7.37	5.70	4.53	59.58	36.35	-	95.93	1/63	12/79
Mount Locke 30° 40', 104° 00'	41	6104	3.96	4.43	6.89	8.15	8.60	8.74	6.98	6.61	5.80	5.33	3.96	4	42.06	31	-	73	8/68	12/79
Navarro Mills Dam 31° 57', 96° 42'	41	6210	3	4.09	6.42	7.33	8.31	10.06	11.68	10.77	7.69	6.42	4.17	3.09	56.93	28	-	83	3/63	11/79
Point Comfort 28° 40', 96° 33'	41	7140	3.08	3.85	5.53	6.51	8.53	9.92	10.76	9.88	7.46	6.46	4.37	3.40	53.01	26.74	-	79.75	11/57	12/79

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR REST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Mo/Yr	Latest Mo/Yr
TEXAS (continued)																				
Proctor Res 31° 58', 98° 30'	41	7300	3.87	6.00	7.47	8.66	9.18	11.37	12.90	11.26	7.82	6.49	4.42	3.67	59.02	34.09	-	93.11	6/63	10/79
Red Bluff Dam 31° 54', 100° 29'	41	7481	3.80	5.17	8.63	11.47	13.63	14.58	14.01	12.54	9.50	6.39	4.49	3.62	70.85	37.18	-	108.03	11/39	10/79
Rio Grande City 3 W 26° 23', 98° 52'	41	7622	3.22	4.34	6.58	8.14	8.56	10.08	11.31	11.11	7.76	6.07	4.03	3.09	53.22	29.40	-	82.62	7/62	12/79
San Rayburn Dam 31° 04', 94° 06'	41	7936	3	4	5.21	6.27	7.31	8.09	8.32	7.78	6.06	5.35	3.92	3	42.91	25	-	68	1/68	11/79
Somerville Dam 30° 20', 96° 32'	41	8446	2.74	3.56	5.36	6.09	7.18	8.88	9.98	8.99	6.57	5.49	3.83	2.73	47.09	24.31	-	71.40	1/65	12/79
Spur 1 WNW 33° 29', 100° 53'	41	8566	2.67	3.39	5.76	7.13	8.12	9.40	9.84	8.97	6.80	5.20	3.58	2.68	48.33	25.21	-	73.54	1/22	3/64
Stillhouse Hollow Dam 31° 02', 97° 32'	41	8646	3.18	4.08	5.95	6.98	7.57	9.71	11.32	10.17	7.08	5.97	4.07	3.00	51.82	27.26	-	79.08	1/58	12/79
Thompson's 3 WSW 29° 29', 95° 38'	41	9014	2.87	3.74	4.89	5.79	7.26	7.80	7.76	7.26	5.92	5.25	4.24	2.96	41.25	24.49	-	65.74	7/57	12/79
Waco Dam 31° 26', 97° 13'	41	9417	3	4.28	6.43	7.30	8.02	10.40	12.09	11.08	8.03	6.52	4.46	3.35	56.14	29	-	85	3/65	11/79
Weslaco 2 E 26° 09', 97° 58'	41	9588	3.41	3.99	6.06	7.51	8.42	9.18	10.35	9.54	7.55	6.00	4.34	3.33	51.04	28.64	-	79.68	1/49	12/79
Whitney Dam 31° 51', 97° 22'	41	9715	2.95	3.88	6.05	7.20	8.46	10.65	12.39	11.38	8.33	6.24	4.02	3.12	57.45	27.22	-	84.67	7/53	12/75

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct ***	Nov-- Apr ***	Other Season ***	Record Began Mo/Tc	Latest Data Mo/Tc	
TEXAS (continued)																			
Winter Haven Exp Station 28° 38', 99° 52'	41	9842	2.81	3.68	5.67	7.30	10	12	12.67	12	8.22	5.92	3.79	2.83	61	26.08	-	87	3/49
Yelottes 31° 42', 106° 19'	41	9996	3.57	5.04	8.43	11.40	13.49	14.79	13.04	11.13	9.09	6.68	4.36	3.32	68.22	36.12	-	104.34	2/39
UTAH																		12/79	
Fish Springs Refuge 39° 51', 113° 24'	42	2852																	
Planting Gorge 40° 56', 109° 25'	42	2864																	
Green River Aviation 39° 00', 110° 10'	42	3418																	
Garrison 39° 09', 111° 49'	42	3514																	
Logan Utah State Exp Sta 41° 46', 111° 49'	42	5190																	
Mab 4 NW 36° 36', 109° 36'	42	5733																	
Mexican Hat 37° 09', 109° 52'	42	5582																	
Moan Lake 40° 34', 110° 30'	42	5815																	
Piture Dam 38° 19', 112° 11'	42	6897																	

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1936-1970).

** Climatological Data (NOAA-EDIS).

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Dec ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
UTAH (continued)																			
Provo Dam 40° 13', 111° 18'	42 7068	6.82 11 ****	6.30 16 ****	7.37 17 ****	7.83 17 ****	6.85 17 ****	4.94 17 ****	2.88 17 ****	36.17 17 ****	-	-	-	-	5/18	9/60				
Saltair Salt Plant 40° 46', 112° 06'	42 7578	6.70 22 17	9.50 24 14	12.26 24 19	14.71 24 19	12.87 24 8	8.86 24 7	12.37 21 9	2	70.57 21 ****	-	-	-	3/56	10/79				
Strawberry Reservoir 40° 10', 111° 11'	42 8376		6	7.43	8.00	7.30	5.20	3.35		37	-	-	-	6/56	8/77				
Utah Lake, L.E.H. 40° 22', 111° 54'	42 8973	3.11 4.2 26	5.57 54 30	8.11 59 14	9.60 60 16	10.59 60 7	9.23 60 11	6.76 60 10	3.95 55 13	1.38 39 13	48.24 ****	-	-	5/23	10/79				
Wanship Dam 40° 47', 111° 24'	42 9165		7	6.89	7.56	5.64	4.84	3	35	-	-	-	6/56	6/74					
Vermont																			
Essex Junction, 44° 31', 73° 07'	43 2843		4.92 16 ****	5.67 17 ****	6.46 16 ****	5.00 17 ****	3.43 17 ****	2.29 12 ****	27.77 12 ****	-	-	-	6/63	9/79					
Virginia																			
Charlottesville, W. 38° 02', 78° 31'	44 1598		6.13 12 11	6.86 14 13	6.97 15 11	5.84 15 11	4.53 13 11	3.38 13 11	33.71 13 8	-	-	-	8/51	8/66					
Holland I ^E 36° 41', 76° 47'	44 4044		6.16 21 14	7.05 28 7	7.58 28 6	7.61 27 15	6.72 27 10	5.14 27 13	3.95 27 12	38.05 27 5	-	-	5/50	4/78					
John H. Kerr Dam 36° 36', 78° 17'	44 4414		5.27 19 15	6.22 23 9	6.81 25 13	7.20 22 12	6.12 22 11	4.87 24 11	3.37 24 19	34.59 24 19	-	-	10/53	9/79					
Marion Trap Station 36° 49', 81° 31'	44 5271		4.64 9 14	4.98 9 37	5.25 9 8	5.21 8 8	4.98 8 10	3.61 9 9	2.76 9 34	26.79 9 ****	-	-	4/71	10/79					

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	State No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
VIRGINIA (continued)																				
Philpot Dam 2 36° 47', 80° 02'	44	6692	4.34	4.83	5.02	5.30	5.08	3.82	2.72			26.77						-	9/53	10/79
Sterling Test Lab 38° 59', 77° 29'	44	8084	5.03	6.53	7.34	7.53	7.10	5.08			33.58						-	5/61	10/70	
			9	10	10	10	10	10	10							****				
			22	10	7	12	11	10												
WASHINGTON																				
Bumping Lake 46° 52', 121° 18'	45	969				4.42	5.92	5.17	3.31							-	18.82	-	6/49	9/66
Ritopia 46° 24', 119° 10'	45	2540	5.43	6.61	7.74	9.03	7.41	4.00	2.41			38.10						-	7/54	10/79
Lake Kachess 47° 16', 121° 12'	45	4406				4.00	4.85	6.45	5.18	2.99	1.35							-	9/17	9/68
Lind 3 NE 47° 00', 118° 35'	45	4679	5.77	8.08	9.88	12.58	10.62	7.19				24.82								
			31	31	31	31	31	30	30											
Moses Lake 3 E 47° 07', 119° 12'	45	5613	5.88	7.77	8.91	10.32	8.28	5.57	3			44						-	4/49	8/66
Othello 5 E 46° 48', 119° 03'	45	6215	5.60	7.73	9.29	11.30	9.51	6.45	3.25			47.53							4/41	7/78
Puyallup 2 W Exp Sta 47° 12', 122° 20'	45	6803	2.45	3.91	4.69	5.66	4.63	2.73	1.24	0.60		22.86							3/61	11/79
Quincy 47° 13', 119° 51'	45	6880	5.95	8.00	9.13	10.73	8.96	5.83	3.00			45.65							4/41	8/78
Ridgrock Teton Dam 46° 39', 121° 08'	45	7038				5.45	6.65	8.10	7.44	3.87	1.69								5/49	9/77
			35	38	38	37	38	38	37	37	28									
			15	13	10	9	12	17	16	17	16									
			14	12	13	12	13	13	16	13	16									

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDTS)

*** Sum of monthly means.

**** Inadequate data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct ***	Nov- Oct ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
WASHINGTON (continued)																			
Seattle Maple Leaf 47° 42', 122° 19'	45	7463	1.88	3.26	4.61	5.10	6.76	5.25	3.51	1.70	26.93	-	-	-	-	-	5/41	10/70	
Spokane WBAP 47° 38', 117° 32'	45	7936	4.85	7.47	9.11	11.90	10.66	6.34	4.44	1.18	-	-	-	50.33	-	-	5/66	9/79	
Walla Walla 3 W 46° 02', 118° 20'	45	8931	2.57	4.42	6.23	7.67	10.41	8.92	5.19	2.54	40.96	-	-	-	-	6/16	9/62		
Whitman Mission 46° 03', 118° 27'	45	9200	4.82	6.95	8.86	10.88	9.39	5.82	2.96	44.86	-	-	-	-	6/63	10/75			
WEST VIRGINIA																			
Bluestone Dam 37° 39', 80° 53'	46	939	3.95	4.91	5.43	5.78	4.94	3.76	2.53	1.38	27.35	-	-	-	-	10/52	10/79		
Haggett Gallipolis Dam 38° 41', 82° 11'	46	4200	5.72	6.22	6.47	5.74	4.54	3.24	31.93	-	-	-	-	6/49	9/72				
Kearneysville 39° 23', 77° 53'	46	4763	5	5.60	5.81	6.87	6.00	4.40	3.08	31.76	-	-	-	4/65	10/79				
Parsons 39° 06', 79° 40'	46	6867	4	5.03	5.48	5.60	4.94	3.72	2.59	27.36	-	-	-	5/65	9/79				
Sutton Reservoir 38° 39', 80° 41'	46	8662	5.07	5.57	5.75	5.23	3.96	3	26	-	-	-	-	8/61	9/78				
Wardensville 39° 26', 78° 35'	46	9281	4.74	5.24	5.96	6.47	7.21	4.42	3.15	32.43	-	-	-	8/39	9/79				

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS).

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	
WISCONSIN																				
Actington University Farm 43° 18', 89° 21'	47	308						7	7.50	8.17	6.77	4.81	3.21		37.46	-	-	6/65	10/79	
Marshfield Exp Sta 44° 39', 90° 08'	47	5120						7	14	15	15	14		****						
Rainbow Reservoir 45° 50', 89° 33'	47	6939						5.97	6.46	6.98	6.15	4.35	3.16		33.07	-	-	6/39	9/79	
Trempealeau Dam 6# 44° 00', 91° 26'	47	8589						4.76	5.19	5.49	4.56	2.92	2.12		25.02	-	-	5/49	9/79	
WYOMING																				
Anchor Dam 43° 40', 108° 50'	48	228						7.10	8.53	9.67	8.46	6.07			-	39.83	-	4/61	9/79	
Archer 41° 09', 104° 39'	48	270						5	3.40	7.52	8.66	8.31	6.20	5					5/58	10/75
Boysen Dam 43° 25', 108° 11'	48	1000						7.38	8.69	10.53	9.50	6.23	3.72		46.05	-	-	4/49	8/79	
Parson 42° 07', 109° 27'	48	3170						7.91	9.75	11.00	9.12	6.76			-	44.54	-	6/50	9/73	
Gillette 44° 17', 105° 28'	48	3855						4.61	6.78	7.72	9.75	9.69	6.35	2.16		42.45	-			
Green River 41° 32', 109° 28'	48	4065						9.14	10.22	12.22	10.53	7.36			-	-	49.47	-	6/58	9/79
Heart Mountain 44° 41', 108° 57'	48	4411						6.55	7.18	8.43	7.45	5.10	3.79		38.50	-	-	6/50	9/79	

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE I -- MEAN MONTHLY, SEASONAL, AND ANNUAL CLASS A PAN EVAPORATION (INCHES)
FOR STATIONS WITH 10 YEARS OR MORE OF RECORD FOR BEST MONTH*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct ***	Nov-Apr ***	Other Season ***	Annual ***	Record Began Mo/Yr	Latest Data Mo/Yr
WYOMING (continued)																				
Laramie 2 NW 41° 21', 105° 37'	48	5435	8.96	10.23	11.02	9.73	7.65	5							53	-	-	-	5/66	9/79
Morton 1 NW 43° 13', 108° 48'	48	6470	9	12	13	13	12	5							****					
Pathfinder Dam 42° 28', 106° 51'	48	7105	6.10	7.07	9.88	7.57	5.17								-	-	35.79	-	5/51	9/68
Sheridan Field Station 44° 50', 106° 50'	48	8160	5.45	6.94	8.62	10.54	9.69	7.33	5.44						48.56	-	-	-	5/49	8/79
Whalen Dam 42° 15', 104° 38'	48	9604	5.99	7.85	9.06	10.63	9.53	6.61	4.81						48.49	-	-	-	4/49	10/79

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only where there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-PDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

		Station Index No.**	State No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apt***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
ALABAMA																				
Birmingham WB Airport 33° 34', 86° 45'	1	831	1.79	2.40	4.06	5.86	7.23	7.14	7.13	6.68	5.45	3.93	2.60	1.90	37.57	18.60	56.18	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			18	14	17	7	14	11	18	14	13	17	7	12	8	5	5	6		
Mobile WB Airport 30° 40', 88° 15'	1	5476	2.70	3.28	4.86	5.84	7.19	7.16	6.50	6.29	5.66	5.20	3.61	2.87	38.05	23.19	60.91	1/56	12/70	
			14	15	15	15	15	15	15	15	15	15	14	15	15	15	15	15		
Montgomery WB Airport 32° 18', 86° 23'	1	5550	2.09	2.76	4.37	5.71	7.10	7.12	7.42	6.94	5.77	4.08	2.82	2.26	38.61	20.01	58.70	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			16	8	13	8	12	12	8	12	12	12	12	12	7	8	6	5		
ARIZONA																				
Flagstaff WB Airport 35° 7', 111° 40'	2	3010	2	2	3	5	7	9	8	6	5	4	2.51	1.66	39	15	54	11/61	12/70	
			9	9	9	9	9	9	9	9	9	9	9	9	10	10	10			
			**	**	**	**	**	**	**	**	**	**	**	**	16	19	****	****		
Phoenix WB Airport 33° 23', 112° 1'	2	6481	3.60	4.36	7.00	9.98	13.31	14.83	14.55	12.66	10.53	7.77	4.79	3.51	73.66	33.24	106.90	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			16	18	14	11	11	5	5	7	7	11	12	14	5	8	5			
Tucson WB Airport 32° 7', 110° 55'	2	8820	4.64	5.15	7.72	10.85	13.77	15.21	13.08	11.52	10.74	8.69	5.70	4.38	72.94	38.44	111.45	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			12	12	17	10	8	5	6	11	10	11	11	11	16	3	5	3		
Minidew WB Airport 35° 1', 110° 43'	2	9439	1.99	3.07	5.50	8.08	10.93	13.05	11.86	10.14	8.71	6.08	3.36	1.92	60.77	23.92	84.68	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			37	18	13	8	8	5	10	10	11	11	11	12	31	5	6	5		
Yuma WB Airport 32° 40', 114° 36'	2	9660	5.24	5.73	8.49	11.36	14.27	15.55	15.85	14.33	11.86	8.87	5.89	4.82	80.73	41.64	122.45	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			12	12	10	8	3	5	5	5	10	5	12	17	3	6	5			
ARKANSAS																				
Pt Smith Water Pl. 35° 38', 94° 8'	3	2578	1.84	2.15	3.74	5.46	6.61	7.18	8.01	7.70	5.46	4.05	2.55	1.85	39.03	17.59	56.61	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			19	11	20	12	11	10	12	11	10	12	11	10	11	11	11	11		
Little Rock WB Airport 34° 43', 92° 13'	3	4248	1.92	2.40	4.18	5.51	6.94	7.97	8.03	7.20	5.52	4.15	2.63	1.97	39.81	18.61	58.42	1/56	12/70	
			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			17	12	25	18	11	7	8	13	13	13	13	13	12	12	3	7		

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-2013)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual****	Record Begun No./Yr	Last Data Mo/Yr
CALIFORNIA																			
Bakersfield WB Airport 35° 25', 119° 3'	4	442	1.96	2.61	4.68	6.66	9.73	12.26	13.48	12.05	9.13	6.19	3.20	1.75	62.84	20.86	83.71	1/56	12/70
Burbank Valley Pump 34° 10', 118° 21'	4	1194	3.52	3.57	4.81	5.67	6.25	7.30	9.16	8.32	7.12	5.41	4.04	3.63	43.56	25.25	68.81	1/56	12/65
Fresno WB Airport 36° 46', 119° 43'	4	3257	1.30	2.06	4.22	6.28	9.33	11.41	12.39	10.74	7.85	5.04	2.34	1.21	56.74	17.51	74.14	1/56	12/70
Long Beach WB Airport 33° 49', 118° 8'	4	5085	3.41	3.45	4.48	5.68	6.22	6.15	8.10	7.99	6.38	5.24	3.50	2.98	40.07	23.49	63.57	1/60	12/70
Los Angeles WB Airport 33° 55', 118° 22'	4	5114	3.54	3.63	5.10	5.77	6.55	6.36	7.82	7.29	6.07	5.27	3.06	3.55	39.87	25.52	65.48	1/56	12/70
Oakland WB Airport 37° 43', 122° 11'	4	6335	1.75	2.26	3.76	4.75	5.69	6.43	6.43	5.98	5.37	3.97	2.38	1.83	33.96	16.73	50.65	1/56	12/70
Red Bluff WB Airport 40° 8', 122° 15'	4	7292	2.51	2.94	4.52	6.91	9.57	12.65	13.46	11.79	9.14	6.24	3.24	2.25	62.96	22.51	85.47	1/56	12/70
Sacramento WB Airport 38° 31', 121° 30'	4	7630	1.26	2.15	3.73	5.85	8.31	10.73	11.31	10.10	7.68	5.02	2.32	1.22	53.19	16.54	69.86	1/56	12/70
San Diego WB Airport 32° 43', 117° 10'	4	7740	3.19	3.35	4.74	6.09	6.37	5.57	6.81	6.72	5.79	4.86	3.78'	3.27	36.12	24.42	60.54	1/56	12/70
San Francisco WB Airport 37° 37', 122° 22'	4	7769	1.65	2.40	3.81	5.30	6.40	7.08	6.70	6.64	5.94	4.40	2.43	1.70	37.16	17.29	54.45	1/56	12/70
COLORADO																			
Colorado Springs WSO 38° 49', 104° 43'	5	1778	2.38	2.52	3.76	5.86	7.91	9.36	9.52	8.59	6.69	5.14	3.02	2.43	47.22	19.97	67.19	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-6DIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	Station Index No.*	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct**	May-Apr**	Annual***	Began Recd.	Last Recd.	
COLORADO (continued)																			
Denver WSO 39° 45', 104° 52'	5	2220	2.20	2.33	3.03	5.70	7.43	8.96	9.80	9.11	6.59	4.78	2.69	2.24	46.68	18.99	65.68	1/56	12/70
Grand Junction WS 39° 7', 108° 31'	5	3488	1.86	2.11	4.26	6.60	9.89	12.49	12.98	11.10	8.20	5.37	2.53	1.34	60.10	18.70	78.78	1/56	12/70
Pueblo WSO 38° 16', 104° 31'	5	6740	2.00	2.44	4.17	7.04	9.11	10.82	11.09	9.72	7.35	5.28	2.96	2.27	53.37	20.88	74.19	1/56	12/70
CONNECTICUT																			
Bridgeport WSO 41° 10', 73° 7'	6	806	1.49	1.60	2.53	3.67	4.81	5.30	5.82	5.36	4.29	3.44	2.13	1.49	29.21	12.83	42.16	3/60	12/70
Hartford WSO 41° 55', 72° 40'	6	3456	1.10	1.33	2.46	4.28	5.68	6.07	6.43	5.83	3.83	2.74	1.70	1.07	30.59	11.94	42.53	1/56	12/70
DELAWARE																			
Wilmington WSO 39° 40', 73° 36'	7	9595	1.49	1.74	3.01	4.34	5.54	6.40	5.92	4.64	3.37	2.20	1.52	32.29	14.27	46.51	1/56	12/70	
FLORIDA																			
Daytona Beach WS Airport 29° 10', 81° 4'	8	2158	3.32	3.88	5.19	6.86	7.53	7.04	7.11	6.71	5.89	5.30	4.04	3.20	39.58	26.49	66.07	1/56	12/70
Jacksonville WS Airport 30° 25', 81° 38'	8	4358	2.76	3.45	5.50	7.54	8.52	7.73	7.92	7.28	5.94	4.64	3.50	2.89	42.03	25.63	67.65	1/56	12/70
Key West WS Airport 24° 33', 81° 45'	8	4570	4.66	4.89	7.18	9.09	10.10	9	9.68	8.72	7.37	6.47	5.55	4.74	51	35.90	87	7/60	12/70

* First line of date in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual**	Record Began Mo/Yr	Last Data Mo/Yr
FLORIDA (continued)																			
Miami WSO 25° 48', 80° 16'	8	5663	4.28	4.84	6.59	7.84	7.85	6.96	8.03	7.68	6.00	5.78	4.83	4.27	42.30	32.67	74.97	1/56	12/70
Orlando WB Airport 28° 33', 81° 19'	8	6638	3.66	4.39	6.00	7.66	8.53	7.75	7.74	7.10	6.23	5.78	4.51	3.80	43.17	29.72	72.39	1/56	12/70
Tallahassee WB Airport 30° 22', 84° 22'	8	8758	2.50	2.88	4.63	5.96	7.01	6.96	6.36	6.20	5.47	4.87	3.24	2.57	36.87	21.75	58.57	2/56	12/70
Tampa WSO 27° 58', 82° 31'	8	8768	3.40	3.98	5.73	7.57	8.84	8.15	7.74	7.17	6.40	5.74	4.28	3.59	44.03	28.56	72.60	1/56	12/70
West Palm Beach WB Airport 26° 40', 80° 6'	8	9525	4.33	4.79	6.52	7.74	7.94	7.10	7.71	7.29	6.93	6.12	5.12	4.41	42.40	32.92	75.29	1/56	12/70
GEORGIA																			
Athens WB Airport 33° 56', 83° 19'	9	435	2.20	2.66	4.16	5.51	6.43	6.64	6.54	6.36	5.06	4.20	2.99	2.27	35.22	19.79	55.01	1/56	12/70
Atlanta WB Airport 33° 38', 84° 25'	9	451	2.12	2.73	4.28	5.78	7.03	7.10	7.07	6.70	5.22	4.14	2.89	2.26	37.25	20.15	57.13	1/56	12/70
Augusta WB Airport 33° 22', 81° 58'	9	495	2.18	2.75	4.25	5.66	6.27	6.62	6.49	6.31	5.07	4.19	3.00	2.29	34.96	20.13	55.09	1/56	12/70
Columbus WB Airport 32° 31', 84° 55'	9	2166	2.05	2.66	4.16	5.51	6.76	6.76	6.10	6.16	5.32	4.35	2.77	2.10	35.48	19.29	54.91	6/58	12/70
Macon WB Airport 32° 41', 83° 38'	9	5443	2.25	2.92	4.64	6.47	7.85	7.67	7.55	7.14	5.83	4.36	3.03	2.45	40.40	21.76	62.16	1/56	12/70
Savannah WB Airport 32° 7, 81° 11'	9	7847	2.30	2.87	4.76	6.70	7.62	7.51	7.79	6.83	5.67	4.45	3.06	2.60	39.87	22.22	61.82	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

		Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	May- Oct***	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
IDAHO																			
Bonneville WB Airport 43° 34', 116° 13'	10	1022	1.58	1.63	2.59	5.06	7.39	9.23	12.09	10.01	6.64	3.90	1.76	1.09	49.25	14.72	63.97	1/56	12/70
	122	26	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Foothatello WB Airport 42° 55', 112° 36'	10	7211	0.97	1.38	3.52	4.92	7.36	8.87	11.69	9.20	6.43	4.01	1.78	1.01	47.56	13.58	61.14	1/56	12/70
	38	37	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
ILLINOIS																			
Chicago WB Airport 41° 46', 87° 45'	11	1577	1.09	1.37	2.68	4.56	6.90	8.21	8.16	6.95	5.11	3.83	1.97	1.19	39.16	12.86	52.02	1/56	12/70
	26	23	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
Moline WSO 41° 26', 90° 31'	11	5751	0.88	1.17	2.46	4.38	6.34	7.20	7.45	6.19	4.35	3.36	1.72	1.07	34.90	11.67	46.38	1/56	12/70
	25	23	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
Peoria WSO 40° 40', 89° 40'	11	6711	0.91	1.26	2.49	4.52	6.40	7.48	7.49	6.43	4.77	3.54	1.80	0.97	36.11	11.95	48.06	1/56	12/70
	29	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
Rockford WSO 42° 11', 89° 6'	11	7382	0.79	1.08	2.33	4.12	5.93	7.07	7.13	6.23	4.40	3.30	1.61	0.83	34.05	10.78	44.88	1/59	12/70
	29	25	12	12	12	12	12	12	11	12	12	12	12	12	12	12	12		
Springfield WSO 39° 49', 89° 40'	11	8179	1.09	1.38	2.72	4.88	7.40	7.99	8.05	6.62	5.39	3.88	2.12	1.18	39.34	13.36	52.70	1/56	12/70
	24	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
INDIANA																			
Kennedyville WSO 39° 3', 87° 31'	12	2738	1.29	1.68	3.02	5.09	6.73	7.56	7.72	6.88	5.11	3.72	2.05	1.32	37.78	14.45	52.29	1/56	12/70
	18	25	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
Port Wayne WSO 41° 0', 85° 11'	12	3037	0.86	1.17	2.23	4.03	6.27	7.45	7.51	6.50	4.64	3.25	1.60	0.90	35.61	10.78	46.39	1/56	12/70
	25	18	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
Indianapolis WSO 39° 43', 86° 16'	12	4259	1.06	1.35	2.49	4.32	6.06	7.13	6.99	6.28	4.71	3.39	1.73	1.09	34.57	12.04	46.61	1/56	12/70
	26	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual****	Record Began Mo/Yr	Last Data Mo/Yr
<u>INDIANA (continued)</u>																		
South Bend WFO Airport 41° 41', 86° 19'	12	8187	0.83	1.00	2.08	3.80	5.63	6.73	6.64	5.93	4.26	3.17	1.61	0.88	32.35	10.20	42.56	1/56
Burlington FWA Airport 40° 46', 91° 7'		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	46.25	12/70
Des Moines WSO 41° 31', 93° 38'	13	2203	0.82	1.11	2.47	4.56	6.61	7.74	8.14	6.77	4.55	3.77	1.81	1.04	37.57	11.81	49.38	1/56
Saint Paul WSO 42° 23', 96° 22'		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	5	12/70
Waterloo WSO 42° 33', 92° 23'	13	8706	0.68	0.89	1.89	4.10	5.24	6.80	6.97	5.95	4.07	3.19	1.55	0.71	32.92	9.86	42.85	3/60
<u>KANSAS</u>																		
Concordia WSO 39° 33', 97° 38'	14	1767	1.24	1.64	3.37	5.29	6.65	8.29	9.39	8.45	5.49	4.26	2.20	1.52	42.56	15.27	57.90	1/56
Dodge City WSO 37° 46', 99° 58'	14	2164	2.11	2.65	4.45	6.91	8.78	10.41	11.18	10.37	7.32	5.63	3.09	2.23	53.69	21.24	74.93	1/56
Goodland WSO 39° 22', 101° 41'		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	12/70
Topeka WSO 39° 4', 95° 37'	14	8167	1.32	1.73	3.36	5.01	6.64	6.94	7.89	7.32	4.92	3.81	2.14	1.41	37.52	14.97	52.50	1/56
Wichita WSO 37° 38', 97° 25'	14	8830	1.66	2.10	4.14	5.88	7.50	8.75	9.66	9.17	6.00	4.69	2.63	1.98	45.77	18.40	64.16	1/56

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** Climatological Data (NOAA-EDTS)

*** Sum of Monthly Means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

		Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual****	Record Begun Mo/Yr	Last Data Mo/Yr
KENTUCKY																			
Lexington WB Airport 38° 1', 84° 36'	15	4746	1.31	1.51	2.97	4.64	5.90	6.58	6.67	6.46	5.16	3.84	2.15	1.39	34.61	13.96	48.57	1/56	12/70
Louisville WSO 39° 40', 85° 43'	15	4954	1.34	1.51	3.14	5.11	6.57	7.05	7.30	6.84	4.96	3.54	2.14	1.62	36.26	14.87	51.13	1/56	12/70
LOUISIANA																			
Alexandria WB Airport 31° 23', 92° 48'	16	104	1.84	2.41	3.76	4.83	6.14	6.57	6.54	6.16	5.25	4.23	2.75	1.82	34.88	17.44	52.00	2/60	12/70
Baton Rouge WB Airport 30° 31', 91° 8'	16	549	2.60	3.08	4.70	5.51	6.83	7.13	6.73	6.29	5.66	4.93	3.30	2.57	37.58	21.76	59.34	1/56	12/70
Lake Charles WB Airport 30° 7', 93° 13'	16	5078	2.29	2.71	4.33	5.58	7.30	7.63	7.43	6.73	5.77	4.77	3.25	2.33	39.64	20.49	60.13	1/56	12/70
New Orleans WB Moisant 29° 58', 90° 15'	16	6660	2.47	2.97	4.42	5.42	6.86	6.92	6.56	6.14	5.56	4.91	3.22	2.52	36.94	21.02	57.96	1/56	12/70
Shreveport WB Airport 32° 28', 93° 49'	16	8440	2.46	2.86	4.59	5.71	7.48	8.07	8.83	8.21	6.15	4.87	3.04	2.28	43.61	20.94	64.55	1/56	12/70
MAINE																			
Portland WSO 43° 38', 70° 19'	17	6905	0.91	1.03	1.99	3.10	4.76	5.35	5.70	4.98	3.31	2.29	1.19	0.89	26.39	9.12	35.53	1/56	12/70
MARYLAND																			
Baltimore WSO 39° 10', 76° 40'	18	465	1.63	1.94	3.30	4.88	6.27	7.21	7.57	6.70	4.92	3.56	2.41	1.68	36.24	15.82	52.07	1/56	12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	State No. ^{**}	Station Index No. ^{***}	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct**	Nov-Apr**	Annual**	Began Mo/Yr	Last Data Mo/Yr
MASSACHUSETTS																			
Boston WFO	19	770	1.77	1.89	2.98	4.43	6.32	6.80	7.26	6.44	4.36	3.61	2.33	1.86	34.89	15.24	50.09	1/56	12/70
42° 22', 71° 1'			1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
Nantucket FAA Airport	19	5159	1.49	1.73	2.35	3.33	4.56	5.03	5.06	4.31	3.25	2.65	1.88	1.56	24.92	12.29	37.21	1/56	7/69
41° 15', 70° 43'			1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		
Worcester WSO	19	9923	1.25	1.40	2.40	4.01	5.40	5.62	5.91	5.28	3.89	3.03	1.80	1.26	29.12	12.10	40.96	1/57	12/70
42° 16', 71° 52' *			1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		
MICHIGAN																			
Alpena WSO	20	164	0.59	0.76	1.55	2.91	4.65	5.63	6.31	4.88	2.94	1.85	1.05	0.61	26.27	7.37	33.66	5/56	12/70
45° 4', 83° 34'			1.3	1.2	1.3	1.3	1.4	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.4		
Detroit City WB Airport	20	2102	1.02	1.12	2.07	3.72	5.51	6.92	7.18	6.01	4.26	3.15	1.80	1.03	33.03	10.77	43.80	1/56	12/65
42° 25', 83° 1'			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
Detroit WFO MET	20	2103	0.87	1.21	2.16	3.69	5.43	6.54	6.85	5.90	4.17	3.07	1.62	1.00	31.96	10.55	42.50	1/60	12/70
42° 13', 83° 19'			1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
Detroit WB Willow Run Airport	20	2104	0.89	1.09	2.16	3.66	5.70	6.66	7.11	5.91	4.42	3.19	1.77	0.95	33.00	10.5	43.52	1/56	12/65
42° 13', 83° 31'			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
Flint WSO	20	2846	0.76	0.96	1.94	3.58	5.00	5.92	6.26	5.41	3.65	2.75	1.46	0.87	29.00	9.57	38.57	1/56	12/70
42° 58', 83° 43'			1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
Grand Rapids WB Airport	20	3333	0.66	0.89	1.92	3.72	5.88	7.08	7.23	6.13	4.03	2.66	1.36	0.74	33.00	9.29	42.29	1/56	12/70
42° 52', 85° 31'			1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
Lansing WSO	20	4641	0.71	0.98	2.02	3.75	5.75	6.68	6.96	5.81	3.81	2.61	1.38	0.72	31.63	9.56	41.19	1/60	12/70
42° 46', 84° 36'			1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
Muskegon WSO	20	5712	0.80	0.93	2.01	3.81	5.73	6.74	7.11	6.06	4.00	2.94	1.66	0.94	32.59	10.21	42.80	4/59	12/70
43° 10', 86° 13'			1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL
MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Record Began Mo/Yr											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
MICHIGAN (continued)													
Sault Sainte Marie WB Airport 46° 28', 84° 22'	20	7366	0.41	0.57	1.36	2.74	4.65	5.43	5.85	4.74	2.62	1.74	0.83
Duluth WSO 46° 49', 92° 10'	21	2248	0.52	0.69	1.59	3.16	5.05	5.59	6.47	5.25	3.08	2.31	1.01
International Falls WSO 48° 34', 93° 22'	21	4026	0.36	0.57	1.39	3.14	5.12	5.82	6.20	4.96	2.17	0.75	0.34
Minneapolis WSO 44° 52', 93° 13'	21	5435	0.67	0.90	2.03	4.11	6.10	7.25	7.88	6.52	4.01	2.92	1.28
Rochester WSO 43° 55', 92° 30'	21	7004	0.69	0.88	1.73	3.89	5.81	6.77	7.02	5.83	4.03	3.30	1.40
MISSISSIPPI													
Jackson WB Airport 32° 19', 90° 4'	22	4472	1.90	2.36	4.02	5.58	6.95	7.38	7.49	6.85	5.44	3.94	2.62
Meridian WB Airport 32° 19', 88° 45'	22	5776	1.91	2.57	4.13	5.45	6.52	7.00	6.68	5.97	5.23	4.22	2.78
MISSOURI													
Columbia WSO 38° 49', 92° 13'	23	1790	1.36	1.67	3.16	5.29	6.91	7.33	8.22	7.55	5.41	4.19	2.35
Kansas City WSO 39° 7', 94° 36'	23	4359	1.37	1.83	3.47	5.45	7.34	7.94	8.84	8.09	5.69	4.47	2.39

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TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr****	Annual**	Last Began Data Mo/Yr
MISSOURI (continued)																	
St. Louis WSO 38° 45', 90° 22'	23 7455	1.36	1.77	3.27	5.24	6.81	7.61	7.98	7.08	5.35	4.00	2.27	1.44	38.83	15.35	54.18	1/56 12/70
Springfield WSO 37° 13', 93° 22'	23 7976	1.68	1.98	3.50	5.35	6.46	6.73	7.69	7.56	5.31	4.13	2.44	1.67	37.89	16.63	54.51	1/56 12/70
MONTANA																	
Billings WB Airport 45° 48', 108° 31'	24 807	1.50	1.96	3.03	4.35	6.36	7.48	10.21	9.02	5.79	4.29	2.32	1.90	43.14	15.06	58.19	1/56 12/70
Great Falls WB Airport 47° 28', 111° 21'	24 3751	1.50	1.76	2.81	4.30	6.35	7.64	10.19	8.35	5.78	4.29	2.37	1.83	43.20	14.63	57.42	1/56 12/70
Helena WB Airport 46° 36', 112° 0'	24 4055	0.84	1.23	2.24	3.77	5.87	6.81	9.39	7.88	4.64	2.95	1.41	0.96	37.54	10.44	47.99	1/56 12/70
Missoula WB Airport 46° 55', 116° 4'	24 5745	0.44	0.78	1.84	3.48	5.31	6.10	9.21	7.37	4.04	1.86	0.79	0.46	33.89	7.80	41.68	1/56 12/70
NEBRASKA																	
Grand Island WSO 40° 58', 98° 19'	25 3395	1.16	1.49	2.95	5.35	7.05	8.49	9.19	8.28	5.53	4.45	2.19	1.75	42.98	14.89	57.88	1/56 12/70
North Platte WSO 41° 7', 100° 40'	25 6065	1.18	1.42	2.84	5.02	6.56	8.01	8.45	7.85	5.27	3.83	2.02	1.37	39.97	13.85	53.82	1/56 12/70
Omaha WSO 41° 18', 95° 53'	25 6255	1.06	1.43	3.04	5.26	7.04	8.21	8.63	7.26	4.68	3.82	2.01	1.27	39.64	14.06	53.70	1/56 12/70
Scotts Bluff WSO 41° 52', 103° 36'	25 7665	1.51	1.89	3.14	5.10	6.95	8.46	9.77	8.60	6.04	4.32	2.38	1.59	44.14	15.62	59.75	1/56 12/70

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** Climatological Date (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	State No.	Station Index No. ^{**}	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct. ^{***}	Nov-Apr. ^{****}	Annual ^{*****}	Last Data Began Mo/Yr
NEVADA																		
Eliko FAA Airport 40° 49', 115° 46'	26	2573	0.92	1.38	2.68	4.15	6.26	8.00	10.49	8.93	6.16	3.90	1.80	0.99	43.20	12.04	55.39	1/56 12/70
Ely WB Airport 39° 16', 114° 51'	26	2631	1.62	1.76	3.34	4.82	7.46	9.31	11.14	9.72	7.13	4.63	2.33	1.66	49.39	15.64	65.05	1/56 12/70
Las Vegas WB Airport 36° 4', 115° 10'	26	4436	3.67	4.55	7.81	10.67	14.72	16.92	17.32	15.49	12.02	8.22	4.62	3.39	86.69	34.72	119.41	1/56 12/70
Reno WB Airport 39° 30', 119° 46'	26	6779	1.56	2.04	3.61	5.08	6.98	8.54	9.89	8.64	5.81	3.86	2.00	1.35	43.72	15.65	59.38	1/56 12/70
Winnemucca WB Airport 40° 53', 117° 48'	26	9171	1.16	1.61	2.92	4.39	6.67	8.95	11.61	9.75	6.57	3.89	1.93	1.08	47.27	12.95	60.38	1/56 12/70
NEW HAMPSHIRE																		
Concord WSO 43° 11', 71° 30'	27	1683	0.78	0.95	1.88	3.15	4.82	5.23	5.57	4.83	3.07	2.21	1.14	0.82	25.73	8.72	34.44	1/56 12/70
NEW JERSEY																		
Atlantic City WSO 39° 26', 74° 34'	28	311	1.58	1.78	2.99	4.32	6.00	6.67	6.82	6.00	4.54	3.22	2.21	1.56	33.24	14.65	47.77	1/59 12/70
Newark WSO 40° 41', 74° 10'	28	6026	1.65	1.84	3.15	4.51	5.89	6.72	6.89	6.36	4.92	3.71	2.39	1.64	34.51	15.18	49.69	1/56 12/70
NEW MEXICO																		
Albuquerque WB Airport 35° 3', 106° 37'	29	234	2.47	3.31	5.70	8.73	11.80	13.46	12.50	10.78	8.52	6.07	3.36	2.38	63.14	25.96	89.10	1/56 12/70

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr***	Annual***	Record Begun Mo/Yr	Last Data Mo/Yr
NEW MEXICO (continued)																		
Roswell WSO 33° 18', 104° 31'	29	7609	2.85	4	6	8	12	13	11	10	8	6	4	3	60	28	88	1/56 12/68
Albany WSO 42° 45', 73° 48'	30	42	0.72	1.01	2.00	3.77	5.00	5.84	6.37	5.39	3.55	2.54	1.41	0.78	28.70	9.69	38.40	1/56 12/70
Binghamton WSO 42° 13', 73° 58'	30	687	0.70	0.84	1.68	3.32	4.85	5.79	5.92	5.13	3.54	2.42	1.29	0.72	27.64	8.56	36.20	1/56 12/70
Buffalo WSO 42° 55', 78° 43'	30	1012	0.97	0.98	1.75	3.35	5.07	6.50	6.93	5.72	4.07	2.74	1.51	1.01	31.02	9.65	40.89	1/56 12/70
New York NB LaGuardia Airport 43° 46', 73° 52'	30	5811	1.98	2.15	3.32	4.69	6.35	7.25	7.64	6.73	5.50	4.18	2.82	1.95	37.64	16.91	54.55	1/56 12/70
Rochester WSO 43° 7', 77° 40'	30	7167	0.91	0.94	1.79	3.50	5.21	6.56	6.78	5.69	3.79	2.68	1.45	0.94	30.71	9.53	40.24	1/56 12/70
Syracuse WSO 43° 7', 76° 7'	30	8383	0.79	0.95	1.77	3.48	4.96	6.15	6.58	5.60	3.76	2.54	1.52	0.89	29.58	9.39	38.97	1/56 12/70
NORTH CAROLINA																		
Cape Hatteras WSO 35° 16', 75° 33'	31	1458	2.12	2.42	3.69	5.44	6.69	7.07	7.59	6.57	5.64	4.05	2.91	2.26	37.61	18.85	56.45	1/56 12/70
Charlotte WSO 35° 13', 80° 55'	31	1690	1.95	2.44	4.07	6.04	7.16	7.63	7.64	7.06	5.45	3.87	2.70	2.07	38.81	19.27	58.08	1/56 12/70
Greensboro WSO 36° 4', 79° 49'	31	3630	1.82	2.21	3.95	5.25	6.41	6.72	6.69	6.21	4.64	3.49	2.47	1.86	34.16	17.56	51.72	1/56 12/70

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** Climatological Data (NOAA-2DIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr****	Annual***	Record Began Mo/Yr	Last Data Mo/Yr
NORTH CAROLINA (continued)																		
Raleigh-Durham WB Airport 35° 52', 78° 46'	31	7069	2.01	2.44	4.07	5.81	6.38	6.87	6.89	6.25	4.88	3.56	2.71	2.15	34.90	19.18	54.29	1/56 12/70
Wilmington WSO 34° 16', 77° 55'	31	9457	2.10	2.64	4.21	6.35	7.31	7.24	7.53	6.40	5.34	4.00	2.86	2.39	37.81	20.55	58.35	1/56 12/70
Winston-Salem WB Airport 36° 7', 80° 13'	31	9539	2.14	2.44	4	6	7	7	7	6	5	4	3	2	36	20	56	1/56 2/65
NORTH DAKOTA																		
Bismarck WSO 46° 46', 100° 45'	32	819	0.55	0.71	1.95	4.07	6.49	7.28	8.63	8.11	4.82	3.27	1.33	0.68	38.65	9.37	47.48	1/56 12/70
Fargo WSO 46° 53', 96° 48'	32	2859	0.50	0.68	1.63	3.64	5.91	6.54	7.77	7.08	4.21	2.92	1.13	0.56	34.42	8.28	43.39	2/56 12/70
Williston WSO 48° 10', 103° 37'	32	9425	0	1	1.53	3.56	6.19	6.93	9	7.72	5	3	1	1	38	8	46	1/56 12/70
OHIO																		
Akron-Canton WSO 40° 55', 81° 25'	33	58	0.35	1.12	2.10	3.70	5.09	5.99	6.10	5.63	4.19	3.27	1.81	1.00	30.28	10.67	40.94	1/56 12/70
Cleveland WSO 41° 23', 81° 51'	33	1657	1.02	1.16	2.15	3.89	5.86	6.84	6.83	5.89	4.24	3.12	1.87	1.20	32.78	11.29	44.07	1/56 12/70
Columbus WSO 40° 0', 82° 52'	33	1786	1.06	1.23	2.55	3.92	5.73	6.59	6.79	5.90	4.10	3.01	1.71	1.08	32.13	11.56	43.69	1/56 12/70
Dayton WSO 39° 53', 84° 13'	33	2075	1.14	1.38	2.58	4.35	6.34	7.58	7.46	6.81	5.04	3.54	1.90	1.22	36.77	12.56	49.34	1/56 12/70

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** Climatological Data (NOAA-EDIS).

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	Station No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Annual***	Began Mo/Yr	Record Began Mo/Yr	Last Data Mo/Yr
OHIO (continued)																				
Toledo WB Airport 41° 36', 83° 48'	33	8357	0.81	1.09	2.13	3.66	5.86	6.63	6.83	5.84	4.09	2.94	1.51	0.83	32.20	10.03	42.23	1/56	12/70	
Youngstown WSO 41° 16', 80° 40'	33	9406	0.84	1.00	2.06	3.58	4.97	5.89	5.88	5.29	3.88	3.02	1.72	0.92	28.93	10.11	39.04	1/56	12/70	
OKLAHOMA																				
Oklahoma City WSO 35° 23', 97° 36'	34	6561	2.00	2.54	4.47	6.33	7.37	8.61	10.06	9.62	6.36	5.01	3.15	2.30	47.03	20.78	67.81	1/56	12/70	
Tulsa WSO 36° 10', 93° 53'	34	8992	1.91	2.34	4.05	5.89	6.76	7.79	9.09	8.37	5.94	4.70	2.97	2.10	42.65	19.25	61.90	1/56	12/70	
OREGON																				
Astoria WB Airport 46° 8', 123° 52'	35	328	0.95	1.24	1.83	2.53	3.73	4.10	4.81	4.02	2.82	1.58	1.03	0.96	21.07	8.54	29.61	1/56	12/70	
Medford WB Airport 42° 22', 122° 52'	35	5429	0.73	1.30	2.62	4.08	5.93	7.99	10.28	8.77	5.87	2.75	0.99	0.57	41.59	10.30	51.89	1/56	12/70	
Pendleton WB Airport 45° 40', 118° 51'	35	6546	1.13	1.68	3.16	4.72	6.73	9.31	11.88	9.92	6.74	3.53	1.62	1.09	48.10	13.39	61.50	1/56	12/70	
Portland WB Airport 45° 36', 122° 36'	35	6751	1.07	1.47	2.23	3.06	4.65	5.77	7.45	6.12	3.89	2.05	1.25	0.89	30.23	9.97	40.30	1/56	12/70	
Salem WB Airport 44° 55', 123° 1'	35	7500	0.93	1.24	2.09	2.90	4.10	5.44	7.41	6.17	4.20	2.13	1.09	0.79	29.46	9.04	38.50	1/56	12/70	

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION", COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May--Oct***	Nov--Apr***	Annual***	Record Mo/Tr	Last Began Mo/Yr
PENNSYLVANIA																		
Allentown WSO 40° 38', 75° 25'	36	106	1.29	1.47	2.60	4.01	5.16	6.02	6.05	5.37	3.91	2.90	1.78	1.16	29.42	12.31	41.73	1/56 12/70
Erie WSO 42° 4', 80° 11'	36	2662	1.09	1.02	1.96	3.62	5.11	6.34	6.58	5.79	4.31	3.48	2.03	1.32	31.61	11.09	42.82	2/60 12/70
Harrisburg FFA Airport 40° 13', 76° 51'	36	3659	1.40	1.72	2.92	4.66	6.16	6.94	7.51	6.41	4.39	3.05	1.95	1.41	34.46	14.06	48.52	1/56 12/70
Philadelphia WSO 39° 52', 75° 13'	36	6889	1.47	1.78	3.00	4.67	6.19	7.08	7.13	6.46	4.74	3.35	2.18	1.56	34.93	14.67	49.60	1/56 12/70
Pittsburgh WSO 40° 30', 80° 13'	36	6993	1.09	1.26	2.42	4.07	5.58	6.43	6.74	5.91	4.29	3.17	1.87	1.15	32.11	11.82	43.62	1/56 12/70
Scranton WSO 41° 19', 75° 43'	36	7905	0.94	1.13	2.12	3.87	5.41	6.10	6.22	5.45	3.71	2.60	1.52	0.98	29.49	10.55	40.04	1/56 12/70
Williamsport WSO 41° 15', 76° 55'	36	9728	1.12	1.27	2.21	3.76	4.82	5.49	5.54	4.73	3.45	2.54	1.56	1.07	26.55	10.98	37.53	10/59 12/70
RHODE ISLAND																		
Providence WSO 41° 43', 71° 25'	37	6698	1.49	1.66	2.83	4.35	5.75	6.17	6.51	5.77	4.16	3.09	2.05	1.51	31.45	13.88	45.33	1/56 12/70
SOUTH CAROLINA																		
Charleston WSO 32° 53', 80° 1'	38	1544	2.46	3.11	4.68	6.28	7.32	7.13	7.28	6.53	5.26	4.22	3.12	2.66	37.61	22.31	59.94	1/56 12/70
Columbia WSO 33° 56', 81° 7'	38	1939	2.01	2.53	4.45	6.47	7.21	7.51	7.67	6.99	5.55	3.92	2.82	2.23	38.85	20.52	59.37	1/56 12/70

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct.***	Nov-Apr.***	Annual**	Record Begun Mo/Yr
SOUTH CAROLINA (continued)																		
Greenville Spartanburg 34° 53', 82° 13'	38	3747	2.09	2.56	4.33	6.01	6.88	6.92	7.08	6.67	5.06	3.93	2.92	2.17	36.36	20.07	56.63	1/56 12/70
			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
			18	8	18	12	14	12	10	13	12	17	12	10	6	6	5	
SOUTH DAKOTA																		
Burton WSO 44° 22', 98° 13'	39	4127	0.69	0.83	2.15	4.45	6.26	7.68	8.89	7.68	4.96	3.52	1.60	0.84	38.99	10.62	49.90	1/56 12/70
			14	15	15	15	15	15	15	15	15	15	15	15	15	15		
			39	47	44	17	14	22	14	11	18	20	25	33	10	16	8	
Rapid City WSO 44° 31', 103° 41'	39	6937	1.31	1.49	2.80	4.69	6.51	7.67	9.27	9.15	6.26	4.55	2.26	1.49	43.42	14.16	57.75	1/56 12/70
			14	15	15	15	15	15	15	15	15	15	15	15	15	15		
			26	23	26	16	14	22	14	14	16	19	16	25	10	7	7	
Sioux Falls WSO 43° 34', 96° 43'	39	7667	0.78	1.00	2.23	4.45	6.50	7.76	8.49	7.35	4.80	3.63	1.69	0.93	38.53	11.09	49.62	1/56 12/70
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			30	23	37	10	11	16	12	10	17	18	18	29	6	11	6	
MISSISSIPPI																		
Bristol WB Airport 36° 28', 82° 23'	40	1094	1.37	1.77	3.19	4.48	5.32	5.73	5.68	5.37	4.64	3.60	2.07	1.45	30.34	14.36	44.70	11/59 12/70
			11	11	11	11	11	11	11	11	11	11	11	12	12	12		
			20	12	18	12	14	8	12	10	12	16	12	18	6	3	3	
Chattanooga WB Airport 35° 11', 85° 11'	40	1656	1.48	1.98	3.56	5.29	6.41	6.52	6.68	6.17	4.87	3.33	2.10	1.54	33.99	15.95	49.94	1/56 12/70
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			18	11	17	10	13	13	12	13	12	18	11	12	7	6	5	
Knoxville WB Airport 35° 49', 83° 58'	40	4950	1.45	1.94	3.62	5.37	6.65	6.61	6.71	6.26	4.95	3.41	2.11	1.56	34.57	16.04	50.61	1/56 12/70
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			18	10	19	12	13	16	16	13	11	17	11	17	23	8	5	6
Memphis WB Airport 35° 31', 89° 58'	40	5954	1.90	2.26	4.14	6.28	7.76	7.99	8.31	7.62	5.82	4.47	2.79	2.03	41.97	19.40	61.37	1/56 12/70
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			22	8	20	12	10	11	12	11	16	13	14	17	6	6	5	
Nashville WB Airport 36° 7', 86° 40'	40	6402	1.50	1.87	3.45	5.43	6.78	7.31	7.52	6.87	5.14	3.72	2.14	1.67	37.34	16.07	53.41	1/56 12/70
			15	15	15	15	15	15	15	15	15	15	15	15	15	15		
			31	18	27	12	11	11	12	14	19	14	19	19	6	12	5	

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** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

Note: Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	Nov-Apr****	Annual***	Annual****	Record Began Mo/Yr	Last Data Mo/Yr
TEXAS																				
Abilene WSO 32° 23', 99° 40'	41	16	3.32	3.45	6.04	7.80	9.61	10.83	11.74	10.78	7.39	5.95	4.03	3.27	56.30	27.91	84.21	1/56	12/70	
Amarillo WSO 35° 13', 101° 41'	41	211	2.99	3.22	5.65	8.26	10.77	11.27	11.54	10.30	7.67	6.51	3.91	3.14	58.06	27.17	85.23	1/56	12/70	
Austin WB Airport 30° 18', 97° 41'	41	428	2.78	3.26	5.20	5.99	7.67	9.12	10.60	9.68	7.00	5.35	3.57	2.78	49.42	23.58	73.00	1/56	12/70	
Brownsville WB Airport 25° 53', 97° 25'	41	1136	3.10	3.54	5.60	7.01	8.37	9.37	10.30	9.01	6.89	5.57	4.11	3.23	49.51	26.60	76.11	1/56	12/70	
Corpus Christi WB Airport 27° 46', 97° 30'	41	2015	2.82	3.35	5.37	6.38	7.35	8.91	10.11	9.24	6.98	5.76	4.01	3.13	48.63	25.06	73.54	1/56	12/70	
Dallas WSO 32° 51', 96° 51'	41	2244	2.72	3.13	5.24	6.56	8.10	9.72	11.31	10.34	7.23	5.61	3.74	3.07	52.30	24.45	76.76	1/56	12/70	
E1 Paso WB Airport 31° 48', 106° 23'	41	2797	3.86	5.02	8.23	11.51	14.25	14.83	13.22	11.82	9.23	7.16	4.56	3.52	70.52	36.70	107.22	1/56	12/70	
Fort Worth WSO 32° 49', 91° 3'	41	3283	2.66	3.12	5.13	6.39	7.80	10.05	11.30	10.53	7.16	5.36	3.58	2.82	52.57	23.69	76.50	1/56	12/70	
Houston WB City 29° 46', 95° 22'	41	4305	2.91	3.39	5.03	5.85	7.39	8.38	8.64	7.81	6.30	5.38	3.60	2.84	44.09	23.61	67.38	1/56	12/70	
Lubbock WB Airport 33° 38', 101° 49'	41	5411	3.19	3.54	5.67	8.46	10.24	11.02	10.89	9.64	7.33	6.08	4.00	3.12	55.21	27.89	83.15	1/56	12/70	
Midland WSO 31° 56', 102° 10'	41	5890	3.48	3.93	6.75	9.17	11.24	11.79	11.92	11.04	7.90	6.33	4.22	3.42	60.11	30.97	91.12	1/56	12/70	

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TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	State No.	Station Index No.*	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-Oct***	May-Nov-Apr**	Annual**	Record Begun Mo/Yr	Last Record Mo/Yr
TEXAS (continued)																			
Port Arthur WB Airport 29° 58', 94° 1'	41	7174	2.24	2.81	4.34	5.31	7.18	8.21	8.04	7.29	6.09	4.92	3.30	2.37	41.74	20.36	62.10	1/56	12/70
			15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15		
San Angelo WSO 31° 21', 100° 30'	41	7943	3.49	3.91	6.75	8.35	9.62	10.79	11.31	11.13	7.77	6.06	4.57	3.37	57.27	30.43	87.70	1/56	12/70
			15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15		
San Antonio WSO 29° 31', 98° 28'	41	7945	2.96	3.55	5.55	6.29	7.80	9.72	10.94	10.16	7.38	5.44	3.74	2.98	51.43	25.07	76.50	1/56	12/70
			15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15		
Victoria WB Airport 28° 51', 96° 55'	41	9364	3.07	3.41	5.03	5.93	7.12	8.11	9.02	8.52	6.66	5.35	3.90	3.18	44.64	24.33	68.98	1/56	12/70
			12 12	12 12	12 12	12 12	12 12	12 12	11 12	11 12	11 12	11 12	11 12	11 12	11 12	11 12	11 12		
Waco WB Airport 31° 37', 97° 13'	41	9419	2.88	3.29	5.41	6.45	7.74	9.90	11.31	10.63	7.51	6.14	3.94	3.00	53.23	24.96	78.19	1/56	12/70
			15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15		
Wichita Falls WSO 33° 58', 98° 28'	41	9729	2.60	3.17	5.32	7.00	8.22	9.90	11.48	11.05	7.53	5.64	3.86	2.82	53.81	24.77	78.58	1/56	12/70
			15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15		
UTAH																			
Salt Lake City WB Airport 40° 46', 111° 58'	42	7598	1.14	1.72	3.54	5.37	8.60	10.56	13.35	11.21	7.62	4.53	2.00	1.01	55.87	14.78	70.65	1/56	12/70
			15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15		
VERMONT																			
Burlington WSO 44° 28', 73° 8'	43	1081	0.68	0.90	1.62	3.06	4.56	5.65	5.96	5.17	3.15	2.20	1.21	0.73	26.69	8.21	35.02	1/56	12/70
			14 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15		
VIRGINIA																			
Lynchburg WSO 37° 19', 79° 11'	44	5120	1.71	1.81	3.15	5.12	6.00	6.70	6.35	5.65	4.47	3.01	2.52	1.63	32.19	15.66	47.97	1/56	10/67
			10 10	10 10	10 10	10 10	10 10	10 10	10 10	10 10	10 10	10 10	10 10	10 10	10 10	10 10	10 10		

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)
*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PENMAN EQUATION*

	State No.	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May- Oct***	Nov- Apr***	Nov- Oct***	Record Begin Data Mo/Yr
VIRGINIA (continued)																		
Norfolk WSO 36° 52', 76° 11'	44	6139	2.05	2.31	3.96	5.78	6.90	7.52	7.47	6.41	5.18	3.70	2.77	2.20	37.19	19.07	56.25	1/56 12/70
Richmond WSO 37° 30', 77° 19'	44	7201	1.66	2.03	3.51	5.36	6.64	7.12	7.06	6.11	4.58	3.24	2.45	1.73	34.75	16.75	51.50	1/56 12/70
Roanoke WSO 37° 19', 79° 58'	44	7285	2.09	2.40	3.95	5.34	6.27	6.60	6.73	6.20	4.71	3.81	2.74	2.04	34.32	18.57	52.89	1/56 12/70
Sterling RAD 38° 58', 77° 28'	44	8084	1.45	1.84	3.35	4.67	5.77	6.57	6.82	6.23	4.50	3.17	2.18	1.51	33.06	15.01	48.06	1/61 12/70
WASHINGTON																		
Olympia WB Airport 46° 58' 122° 53'	45	6114	0.64	1.20	1.87	2.75	4.01	4.63	5.84	4.92	3.11	1.50	0.76	0.51	23.99	7.73	31.73	1/56 12/70
Seattle Tacoma WA 47° 26', 122° 18'	45	7473	1.15	1.57	2.30	3.18	5.08	5.80	7.00	5.53	3.52	2.00	1.23	1.02	28.92	10.44	39.36	1/56 12/70
Spokane WB Airport 47° 37', 117° 31'	45	7938	0.61	1.11	2.28	4.04	6.28	7.82	10.66	8.63	5.37	2.58	0.92	0.51	41.36	9.47	50.83	1/56 12/70
Tacoma WB Airport 48° 22', 124° 43'	45	8332	1.62	1.56	2.06	2.50	3.24	3.37	2.97	2.49	2.25	1.83	1.59	1.21	16.07	10.59	26.66	1/56 12/66
Yakima WB Airport 46° 34', 120° 31'	45	9465	0.75	1.39	2.91	4.48	6.58	7.83	9.77	7.92	5.28	2.90	1.32	0.72	40.29	11.58	51.87	1/56 12/70
WEST VIRGINIA																		
Charleston WSO 38° 22', 81° 36'	46	1570	1.37	1.67	2.99	4.41	5.46	5.68	5.45	5.00	4.04	3.02	1.97	1.42	28.63	13.83	42.45	1/56 12/70

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-NDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

TABLE II -- MONTHLY MEANS OF ESTIMATED "PAN EVAPORATION" COMPUTED FROM METEOROLOGICAL MEASUREMENTS USING A FORM OF THE PEYMAN EQUATION*

	Station Index No.**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	May-- Oct***	Nov-- Apr***	Annual***	Record Last Data Mo/Yr
WEST VIRGINIA (continued)																	
Elkins WSO 38° 55', 79° 49'	46	2718	0.99	1.21	2.23	3.14	4.33	4.39	4	4	3	2	1	22	10	32	1/56 6/68
		10	10	10	10	11	11	11	8	9	9	9	9	****	****	****	****
WISCONSIN																	
Green Bay WSO 44° 28', 88° 17'	47	3269	0.62	0.81	1.70	3.46	5.17	6.15	6.64	5.33	3.38	2.34	1.16	0.63	29.02	8.37	37.30 1/56 12/70
		14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
La Crosse WSO 43° 52', 91° 15'	47	4370	0.74	1.03	1.99	4.31	6.15	6.95	7.26	6.11	3.85	3.20	1.45	0.80	33.43	10.08	43.36 1/56 9/68
		13	13	13	13	13	13	13	12	13	13	12	12	12	12	12	12
Madison WSO 43° 7', 89° 19'	47	4961	0.74	1.00	1.99	3.75	5.34	6.69	6.86	5.80	3.63	2.71	1.28	0.69	31.03	9.43	40.46 1/56 12/70
		14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Milwaukee WSO 42° 56', 87° 53'	47	5479	0.85	1.09	2.01	3.82	5.57	6.70	7.25	5.96	4.04	2.88	1.55	0.90	32.39	10.22	42.62 1/56 12/70
		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
WYOMING																	
Casper WSO 42° 55', 106° 28'	48	1570	1.85	1.92	3.03	4.73	6.92	8.76	10.64	9.85	6.65	5.18	2.38	1.82	48.01	15.73	63.74 1/56 12/70
		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Cheyenne WSO 41° 8', 104° 49'	48	1675	2.42	2.41	3.32	5.26	7.01	8.16	9.23	8.61	6.18	4.77	2.95	2.51	43.96	18.87	62.83 1/56 12/70
		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Lander WB Airport 42° 49', 108° 43'	48	5390	1.09	1.51	2.84	4.25	6.42	7.98	9.87	9.05	5.63	3.55	1.53	1.11	42.50	12.33	54.83 1/56 12/70
		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Sheridan WSO 44° 46', 106° 58'	48	8155	0.96	1.11	2.33	3.96	5.56	6.56	8.64	7.86	4.59	3.27	1.52	1.16	36.65	11.06	48.03 1/56 11/70
		15	13	15	14	14	14	14	14	14	14	14	14	14	14	14	14

* First line of data in the table for each station is mean evaporation in inches; second line is the number of years of record per month; and third line is the coefficient of variation in percent (computed only when there are 10 years or more of record during 1956-1970).

** Climatological Data (NOAA-EDIS)

*** Sum of monthly means.

**** Insufficient data between 1956-70 to compute the coefficient of variation.

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APPENDIX A

Example of Estimating Monthly Data for a Location with no Observed Data

In this example, steps for prorating data will be illustrated with some of the problems caused by incomplete records. The basic steps are the following:

1. Determine annual (or seasonal) values for potential (FWS) evaporation from the maps in the NOAA Technical Report NWS 33, Evaporation Atlas for the Contiguous 48 United States.
2. Locate appropriate stations which have data in the tables of this report.
3. Determine monthly fractions of annual (or seasonal) evaporation for the stations in the table by dividing the evaporation value for each month by the annual (or seasonal) value.
4. Multiply the monthly fractions just determined by the annual (or seasonal) value for the location of interest (as determined in step 1).

Suppose monthly mean potential evaporation is desired for Vaughn, New Mexico. Vaughn is located in the southwest corner of Guadelupe County.

1. From map 3 in the NOAA Technical Report NWS 33, Evaporation Atlas for the Contiguous 48 United States, the annual free water surface evaporation is found to be between the 55 and 60 inch isopleths. A linear interpolation would give approximately 58 inches. From map 2 the May-October evaporation is 41 inches.
2. The nearest stations to Vaughn having data in the table are Alamogordo Dam and Estancia. The elevation of Alamogordo Dam is between 4,000 and 4,500 feet. Vaughn is near 6,000 feet, and Estancia is 6,100 feet. There are only low hills between Estancia and Vaughn. Based on elevation and relief, Estancia would be the logical selection to prorate monthly values. However, because of the high elevation and limited period of record, Estancia has data only for the months from May to September. Because no annual (or May to October) value is listed, we cannot determine the required ratios. Santa Fe, found further north, is slightly higher and has some data for all the months of the year. It should be noted that Estancia has about 12 years of record in the tables and Santa Fe has up to 36 years in the summer and 17 years in the winter. Again, caution must be used in applying these data. It seems reasonable that those years when Santa Fe does have data in the winter are probably the milder years, and when the station lacks data it is likely that the weather was too cold and pans were frozen over during most of the winter period. If such is the case, then a true mean would be less than that indicated by the 17 years of available data.
3. To better illustrate the distribution of evaporation in this area, ratios of monthly to annual evaporation were computed for both Santa Fe and Alamogordo Dam and are shown in table A1.

Table A1

Monthly fractions of annual and seasonal evaporation at Alamogordo Dam and Santa Fe

<u>Station</u>	<u>% of</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
Alamogordo Dam	Annual	.035	.043	.078	.102	.121	.137	.130	.093	.067	.045	.035	
	May-Oct					.182	.207	.197	.171	.140	.102		
Santa Fe	Annual	.022	.032	.058	.095	.134	.160	.142	.121	.104	.072	.037	.021
	May-Oct					.183	.218	.193	.164	.142	.100		

Table A2

Monthly potential evaporation (PWS), in inches, at Vaughn, New Mexico, based on ratios (fraction) in table A1 and on annual and seasonal values taken from maps in NOAA Technical Report "Evaporation Atlas for the United States"

<u>Station</u>	<u>Period</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Totals of Estimated Monthly Values</u>
Alamogordo Dam	Annual	2.9	2.5	4.5	5.9	7.0	8.0	7.5	6.6	5.4	3.9	2.6	2.0	58.8
	May-Oct					7.5	8.5	8.1	7.0	5.7	4.2			41.0
Santa Fe	Annual	1.3	1.9	3.4	5.5	7.8	9.3	8.2	7.0	6.0	4.2	2.2	1.2	57.9
	May-Oct					7.5	8.9	7.9	6.7	5.8	4.1			36.9

4. Table A2 shows the monthly FWS evaporation at Vaughn resulting from multiplying the annual FWS from Atlas map 3 by monthly fractions based on the distributions at Alamogordo Dam and Santa Fe.

The evaporation estimates from table A2 are plotted in figure A1.

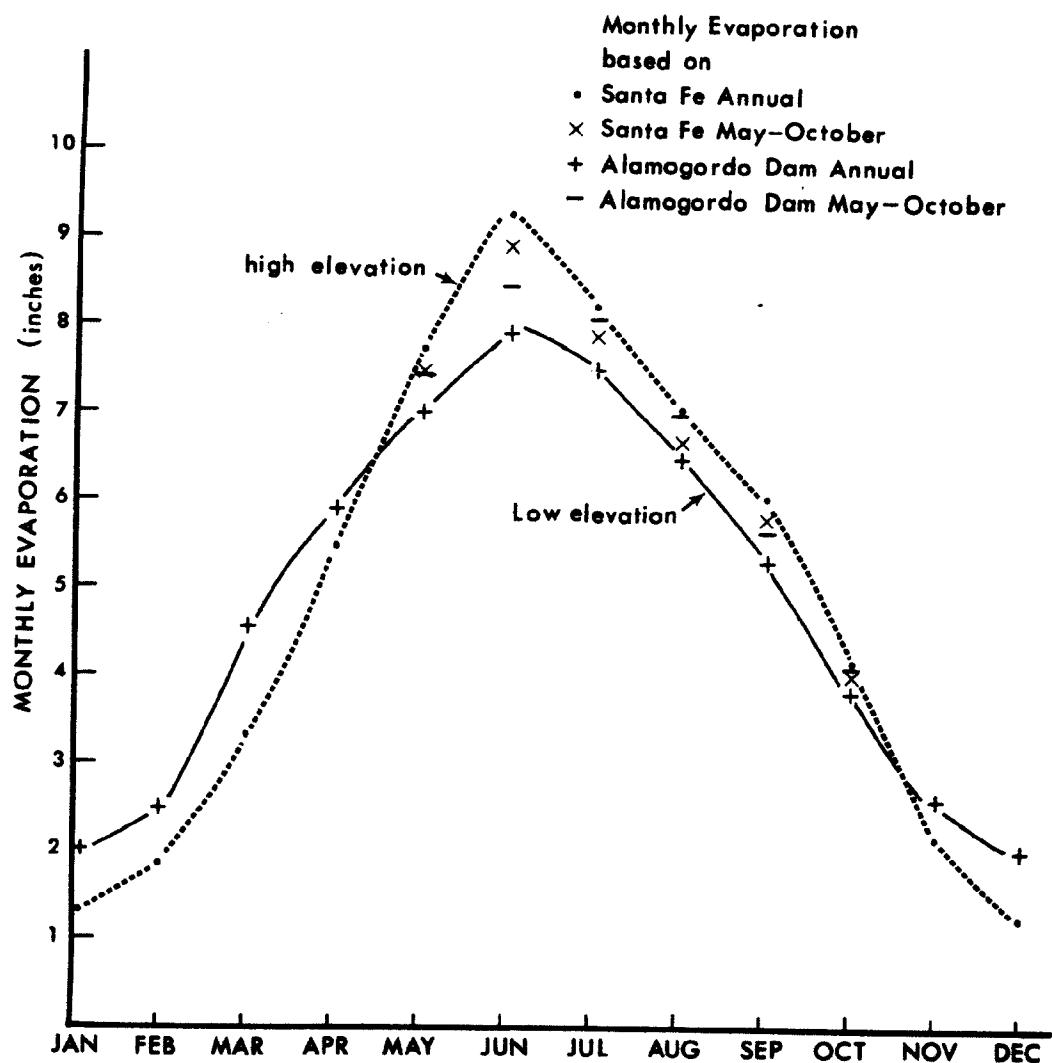


Figure A1. Monthly distribution at Vaughn, New Mexico based on evaporation distribution at Alamogordo Dam and Santa Fe.

The annual values are connected by lines. It is readily apparent that stations at higher elevations tend to have lower evaporation during the winter months and a higher fraction of the annual evaporation during the summer than do the stations at a lower elevation. Also apparent is a closer agreement of estimates based only on May–October ratios. Since Vaughn is only a little lower than Santa Fe and significantly higher than Alamogordo Dam, a reasonable decision would be to accept either the value estimated from Santa Fe or to take values from the graph between the values for the two sites but very near those for Santa Fe.